

MIRA INFORM REPORT

Report No. :	521051
Report Date :	26.07.2018

IDENTIFICATION DETAILS

Name :	HAAS AUTOMATION INC.
Registered Office :	2800 Sturgis Road Oxnard CA 93030
Country :	United States
Date of Incorporation :	28.06.1983
Legal Form :	Corporation
Line of Business :	Subject is manufactures CNC machine tools.
No. of Employees :	1400

RATING & COMMENTS

(Mira Inform has adopted New Rating mechanism w.e.f. 23rd January 2017)

MIRA's Rating : A+

Credit Rating	Explanation	Rating Comments
A+	Low Risk	Business dealings permissible with low risk of default

Status :	Excellent
Payment Behaviour :	Regular
Litigation :	Exist

NOTES :

Any query related to this report can be made on e-mail : infodept@mirainform.com while quoting report number, name and date.

ECGC Country Risk Classification List

Country Name	Previous Rating (31.12.2017)	Current Rating (01.04.2018)
United States	A1	A1

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Risk Category	ECGC Classification
Insignificant	A1
Low Risk	A2
Moderately Low Risk	B1
Moderate Risk	B2
Moderately High Risk	C1
High Risk	C2
Very High Risk	D

UNITED STATES - ECONOMIC OVERVIEW

The US has the most technologically powerful economy in the world, with a per capita GDP of \$59,500. US firms are at or near the forefront in technological advances, especially in computers, pharmaceuticals, and medical, aerospace, and military equipment; however, their advantage has narrowed since the end of World War II. Based on a comparison of GDP measured at purchasing power parity conversion rates, the US economy in 2014, having stood as the largest in the world for more than a century, slipped into second place behind China, which has more than tripled the US growth rate for each year of the past four decades.

In the US, private individuals and business firms make most of the decisions, and the federal and state governments buy needed goods and services predominantly in the private marketplace. US business firms enjoy greater flexibility than their counterparts in Western Europe and Japan in decisions to expand capital plant, to lay off surplus workers, and to develop new products. At the same time, businesses face higher barriers to enter their rivals' home markets than foreign firms face entering US markets.

Long-term problems for the US include stagnation of wages for lower-income families, inadequate investment in deteriorating infrastructure, rapidly rising medical and pension costs of an aging population, energy shortages, and sizable current account and budget deficits.

The onrush of technology has been a driving factor in the gradual development of a "two-tier" labor market in which those at the bottom lack the education and the professional/technical skills of those at the top and, more and more, fail to get comparable pay raises, health insurance coverage, and other benefits. But the globalization of trade, and especially the rise of low-wage producers such as China, has put additional downward pressure on wages and upward pressure on the return to capital. Since 1975, practically all the gains in household income have gone to the top 20% of households. Since 1996, dividends and capital gains have grown faster than wages or any other category of after-tax income.

Imported oil accounts for more than 50% of US consumption and oil has a major impact on the overall health of the economy. Crude oil prices doubled between 2001 and 2006, the year home prices peaked; higher gasoline prices ate into consumers' budgets and many individuals fell behind in their mortgage payments. Oil prices climbed another 50% between 2006 and 2008, and bank foreclosures more than doubled in the same period. Besides dampening the housing market, soaring oil prices caused a drop in the value of the dollar and a deterioration in the US merchandise trade deficit, which peaked at \$840 billion in 2008. Because the US economy is energy-intensive, falling oil prices since 2013 have alleviated many of the problems the earlier increases had created.

The sub-prime mortgage crisis, falling home prices, investment bank failures, tight credit, and the global economic downturn pushed the US into a recession by mid-2008. GDP contracted until the third quarter of 2009, the deepest and longest downturn since the Great Depression. To help stabilize financial markets, the US Congress established a \$700 billion Troubled Asset Relief Program (TARP) in October 2008. The government used some of these funds to purchase equity in US banks and industrial corporations, much of which had been returned to the government by early 2011. In January 2009, Congress passed and former President Barack OBAMA signed a bill providing an additional \$787 billion fiscal stimulus to be used over 10 years - two-thirds on additional spending and one-third on tax cuts - to create jobs and to help the economy recover. In 2010 and 2011, the federal budget deficit reached nearly 9% of GDP. In 2012, the Federal Government reduced the growth of spending and the deficit shrank to 7.6% of GDP. US revenues from taxes and other sources are lower, as a percentage of GDP, than those of most other countries.

Wars in Iraq and Afghanistan required major shifts in national resources from civilian to military purposes and contributed to the growth of the budget deficit and public debt. Through FY 2018, the direct costs of the wars will have totaled more than \$1.9 trillion, according to US Government figures.

In March 2010, former President OBAMA signed into law the Patient Protection and Affordable Care Act (ACA), a health insurance reform that was designed to extend coverage to an additional 32 million Americans by 2016,

through private health insurance for the general population and Medicaid for the impoverished. Total spending on healthcare - public plus private - rose from 9.0% of GDP in 1980 to 17.9% in 2010.

In July 2010, the former president signed the DODD-FRANK Wall Street Reform and Consumer Protection Act, a law designed to promote financial stability by protecting consumers from financial abuses, ending taxpayer bailouts of financial firms, dealing with troubled banks that are "too big to fail," and improving accountability and transparency in the financial system - in particular, by requiring certain financial derivatives to be traded in markets that are subject to government regulation and oversight.

In December 2012, the Federal Reserve Board (Fed) announced plans to purchase \$85 billion per month of mortgage-backed and Treasury securities in an effort to hold down long-term interest rates, and to keep short-term rates near zero until unemployment dropped below 6.5% or inflation rose above 2.5%. The Fed ended its purchases during the summer of 2014, after the unemployment rate dropped to 6.2%, inflation stood at 1.7%, and public debt fell below 74% of GDP. In December 2015, the Fed raised its target for the benchmark federal funds rate by 0.25%, the first increase since the recession began. With continued low growth, the Fed opted to raise rates several times since then, and in December 2017, the target rate stood at 1.5%.

In December 2017, Congress passed and President Donald TRUMP signed the Tax Cuts and Jobs Act, which, among its various provisions, reduces the corporate tax rate from 35% to 21%; lowers the individual tax rate for those with the highest incomes from 39.6% to 37%, and by lesser percentages for those at lower income levels; changes many deductions and credits used to calculate taxable income; and eliminates in 2019 the penalty imposed on taxpayers who do not obtain the minimum amount of health insurance required under the ACA. The new taxes took effect on 1 January 2018; the tax cut for corporations are permanent, but those for individuals are scheduled to expire after 2025. The Joint Committee on Taxation (JCT) under the Congressional Budget Office estimates that the new law will reduce tax revenues and increase the federal deficit by about \$1.45 trillion over the 2018-2027 period. This amount would decline if economic growth were to exceed the JCT's estimate.

Source : CIA

STATUTORY INFORMATION

Legal Name:	HAAS AUTOMATION, INC.
Trade Name:	HASS AUTOMATION INC.
ID:	C1145704
Date Created:	1983
Date Incorporated:	06/28/1983
Legal Address:	CORPORATION SERVICE COMPANY WHICH WILL DO BUSINESS IN CALIFORNIA AS CSC - LAWYERS INCORPORATING SERVICE (C1592199) 2800 STURGIS ROAD OXNARD CA 93030
Operative Address:	2800 Sturgis Rd Oxnard, CA, 93030 United States
Telephone:	(805) 278-1800
Fax:	(805) 278-1800
Legal Form:	CORPORATION
Email:	social@haascnc.com
Registered in:	CALIFORNIA
Website:	www.haascnc.com
Contact:	Gene F. Haas, President, Owner and Founder
Staff:	1,400
Activity:	MANUFACTURE CNC MACHINES

BANKS

The company does not make its banking data public

HISTORY

Gene Haas founded Haas Automation, Inc., in 1983 to manufacture economical and reliable machine tools.

In 1987, Haas Automation began developing its first vertical machining center (VMC) the VF-1, a machine designed to perform operations such as milling, drilling, tapping, and boring. The first VF-1 prototypes were completed in 1988, and introduced at the International Manufacturing Technology Show (IMTS '88) in Chicago, Illinois.

In 1983, Haas Automation, Inc. established in Sun Valley, CA

Haas Automation, Inc. Key Developments

In 1991 the company moves to larger facilities in Chatsworth, CA

In 1997, Haas moves to purpose-built on 86 acres in Oxnard, CA

Haas Presents at 36th Annual Michigan Growth Capital Symposium, May-17-2017 10:20 AM

May 14 17

Haas Presents at 36th Annual Michigan Growth Capital Symposium, May-17-2017 10:20 AM. Venue: Marriott Resort at Eagle Crest, 1275 S. Huron Street, Ypsilanti, MI 48197, United States.

Haas Presents at Coulter Investment Forum, May-17-2017 10:20 AM

May 13 17

Haas Presents at Coulter Investment Forum, May-17-2017 10:20 AM. Venue: Marriott Resort, ANN ARBOR, MI, United States.

PRINCIPAL ACTIVITY

Products/Services description:

Haas Automation, Inc. manufactures CNC machine tools. Its portfolio includes CNC vertical and horizontal machining centers, CNC lathes, rotary tables, 5C indexers, and CNC lathe controls and simulators. The company provides bar feeder, automatic pallet changer, and high-speed machining options for vertical and horizontal machining centers.

Brands:

WINDSHEAR
HAAS FACTORY OUTLET

Sales are:

Wholesale

Clients:

It distributes its products through distributors and dealers worldwide.

BORGWARNER TURBO AND EMISSIONS SYSTEMS DE MEXICO, S.A DE C.V.

Mexico

United Parcel Service De Mexico SA De Cv

Mexico

HAAS MACHINE TOOLS, S.A. DE C.V.,
MEXICO

Mw Factory Srl,
PERU

Coferrrec Compania Ferretera Ecuatoriana Sa.,

Suppliers:	<p>ECUADOR VOLEX INTERCONNECT SYSTEMS (SUZHOU) China</p> <p>PT POWER MACHINE TOOLS Indonesia</p> <p>Easylink Industrial Co., Ltd. Taiwan</p> <p>August Steinmeyer, GERMANY</p>
Operations area:	<p>FORGAMEX SA CV, MEXICO</p> <p>In 1988 the company began establishing overseas markets, beginning with Denmark, Holland, and Israel. In 1993, Haas began private labeling products for Swiss machine tool builder Mikron, which provided additional distribution of the company's machines in the European market. In 2000, Haas established Haas Automation Europe in Brussels, Belgium, to distribute Haas-branded products directly in Europe, and began phasing out the relationship with Mikron.</p>
The company imports from	Products are distributed worldwide through a network of Haas Factory Outlets (HFOs), independently owned franchised local businesses that provide sales, service, and applications support for Haas machine tools. Introduced in 1999, with the first HFO established in Torrance, California, then applied to the company's existing worldwide network and Canada, and then expanded worldwide.
The company exports to	MEXICO, GERMANY, CHINA
The subject employs	ECUADOR, PERU, MEXICO
Payments:	1,400 employees Regular

LOCATION

Headquarters :	2800 Sturgis Rd Oxnard, CA, 93030 United States
Size:	NA
Branches:	No branches were found
Related Companies:	This company has related companies all over the world. Some of them are in: Brussels, Belgium: Regional headquarters Shanghai, China: Regional headquarters Mumbai, India: Regional headquarters russels, Belgium:

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Regional headquarters
Shanghai, China: Regional headquarters
Mumbai, India: Regional headquarters

GROUP STRUCTURE AND SUBSIDIARY COMPANIES

Listed at the stock exchange:	NO
Capital:	NA
Shareholders:	This is a private company. Its major holder is:
Management:	GENE HASS GENE HASS, CEO, DIRECTOR KURT ZIERHUT, SECRETARY ROBERT MURRAY, CFO

FINANCIAL INFORMATION

The company does not make its financial statements public.
The following information has been provided by private sources:

USD 2017	
Estimated Assets	174,000,000
Cash Flow	Normal

LEGAL FILINGS

PATENTS Patents Assigned to Haas Automation, Inc.

Machine tool with vibration detection
Patent number: 9737968
Abstract: A method of detecting machine tool vibration is provided. The method includes receiving, from a sensor arranged in a machine tool, motion data measured along an axis. The method also includes comparing the motion data against a first threshold. The method also includes adjusting a counter if the motion data has a magnitude greater than the first threshold. The method also includes generating an alarm if the counter is greater than a second threshold.
Type: Grant

Filed: March 14, 2014

Date of Patent: August 22, 2017

Assignee: Haas Automation, Inc.

Inventors: Razmik G. Petrossians, Joseph V. Soliman,
Puneet Gupta, German M. Chistokhodov, Barry D. Johnson

Rotary union utilizing vacuum extraction

Patent number: 9539689

Abstract: A rotary union including a housing, a piston, and a shaft is provided. The piston has a first fluid passage therethrough and is configured to slide axially between a first position and a second position. The shaft has a second fluid passage therethrough and is configured to rotate. A first port is arranged in the housing and is in fluid communication with a cavity formed between the housing and the piston. The first port is configured to deliver a pressurized fluid into the cavity to actuate the piston from the first position to the second position. A chamber is formed in the housing and surrounds an interface between the first and second fluid passages. A second port arranged in the housing is in fluid communication with the chamber. The second port is configured to apply a vacuum to the chamber to evacuate fluid leaked into the chamber from the interface.

Type: Grant

Filed: July 10, 2012

Date of Patent: January 10, 2017

Assignee: HAAS AUTOMATION, INC.

Inventors: Thomas R. Velasquez, Cody J. Carothers, Gene F. Haas

Rotary position encoder for rotatable shafts

Patent number: 9518815

Abstract: A rotary position encoder is described that includes a hub configured to mount on an end of a rotatable shaft of a machine tool and rotate concurrently with the rotatable shaft. The hub includes a cup formed in a first end to receive the rotatable shaft, the cup having equally spaced axial grooves formed on an inner surface. A collar clamps the hub to the rotatable shaft by collapsing the cup around the rotatable shaft. The rotary position encoder further includes a sensor configured to detect a rotational position of the hub and a housing, wherein the sensor is mounted to the housing in a position opposite a second end of the hub. The hub is rotatably coupled to the housing via a bearing and a bracket is attached to the housing for mounting the rotary position encoder to the machine tool and preloading the bearing.

Type: Grant

Filed: August 6, 2009

Date of Patent: December 13, 2016

Assignee: HAAS AUTOMATION, INC.
Inventors: Thomas R. Velasquez, David E. Wolf, Cody J. Carothers, Brian J. Thoma

Cut optimization system and method

Patent number: 8954185

Abstract: A cut optimization system controls chatter in a machine tool during a cutting operation. A microphone is configured to capture acoustic noise emitted by the machine tool during the cutting operation and to generate an AC signal corresponding to the captured acoustic noise. A filter is configured to attenuate frequencies of the AC signal outside of a frequency band and a rectifier is configured to rectify the filtered AC signal into a DC component. A controller is configured to compare the DC component with a threshold value and, if the DC component is greater than the threshold, cyclically vary the rotational speed of a spindle in the machine tool from a commanded speed.

Type: Grant

Filed: March 23, 2009

Date of Patent: February 10, 2015

Assignee: Haas Automation, Inc.

Inventors: Brian Lammering, Robert Weston, Kurt P. Zierhut, Wayne Reilly

Dampened spindle cartridge and spindle adaptor

Patent number: 8845245

Abstract: A dampened spindle cartridge and a dampened spindle adaptor are provided for damping tool vibrations during operation of a machine tool. Damping media is arranged inside a cavity formed within the spindle adaptor or the spindle cartridge. The damping media may be a solid aggregate, such as steel shot or sand, or a viscous fluid, such as oil. The damping media attenuates and/or converts tool vibrations into friction and heat, thereby dissipating vibration energy generated during cutting operations performed by the machine tool and prevents reinforcement of the forced vibration.

Type: Grant

Filed: September 8, 2010

Date of Patent: September 30, 2014

Assignee: Haas Automation, Inc.

Inventors: Gene F. Haas, Fred G. Eubanks, Peter A. Kiss, Curt J. Gelderman

COLD FLOW MACHINE ANCHORING

Publication number: 20140263912

Abstract: A leveling pad for stabilizing a device is provided. The leveling pad comprises a metal base having a socket

configured to receive a portion of the device and a liner coupled to the metal base and being configured to cold flow into a profile of a floor surface when a weight of the device is applied to the leveling pad. The liner may be of a polymer, such as vinyl. The liner is further configured to plastically deform into the profile of the floor surface. The plastic deformation is designed to increase a magnitude of a shear force or a tensile force required to separate the liner from a portion of the floor surface into which it is configured to plastically deform.

Type: Application

Filed: March 15, 2013

Publication date: September 18, 2014

Applicant: HAAS AUTOMATION, INC.

Inventors: Gene F. HAAS, Donald Paul EARL, Chris STEWART

MACHINE TOOL WITH VIBRATION DETECTION

Publication number: 20140262392

Abstract: A method of detecting machine tool vibration is provided. The method includes receiving, from a sensor arranged in a machine tool, motion data measured along an axis. The method also includes comparing the motion data against a first threshold. The method also includes adjusting a counter if the motion data has a magnitude greater than the first threshold. The method also includes generating an alarm if the counter is greater than a second threshold.

Type: Application

Filed: March 14, 2014

Publication date: September 18, 2014

Applicant: Haas Automation, Inc.

Inventors: Razmik G. PETROSSIANS, Joseph V . Soliman, Puneet Gupta, German M. Chistokhodov, Barry D. Johnson

Automatic door with position-dependent force limiting

Patent number: 8729837

Abstract: A method of controlling the motion of a moveable door includes determining the direction that the door is moving with respect to its anticipated closed position, and based on the direction, regulating an amount of force that is available to the door for its motion. The method may further include monitoring the position of the door as it is moving, and adjusting the motion of the door and regulating the amount of force available to the door for its motion, based on the calculated difference between the door's position as detected during monitoring and its expected position.

Type: Grant

Filed: September 4, 2009

Date of Patent: May 20, 2014

Assignee: Haas Automation, Inc.
Inventors: William F. Tandrow, Kurt P. Zierhut, Michael A. Teitel, Symon Man-Yiu Tsui, Michael Fechtner

Smart machine tool lubrication system

Patent number: 8695763

Abstract: A smart machine tool lubrication system monitors the distance traveled by a motion component in a machine tool. A predetermined amount of lubricant is dispensed at a lubrication point of the motion component when the monitored distance exceeds a first threshold value. The smart machine tool lubrication system may further monitor the duration of time the motion component is in motion and dispense the predetermined amount of lubricant with the monitored duration of time exceeds a second threshold value.

Type: Grant

Filed: March 20, 2009

Date of Patent: April 15, 2014

Assignee: Haas Automation, Inc.

Inventors: Gene F. Haas, Kurt P. Zierhut, Michael A. Teitel

COMPUTER NUMERICAL CONTROLLED MACHINE TOOL CONTROL SYSTEM

Publication number: 20140074279

Abstract: Systems and methods for interfacing a portable control system (PCS) with a machine tool are provided. In some aspects, a computer numerical controlled (CNC) machine tool includes a machine tool having a motor, a machine control system (MCS), and a motor controller. The MCS is configured to generate program status data associated with a machining program run by the MCS. The motor controller is configured to generate feedback data associated with the motor. The CNC machine tool also includes a port system configured to couple a PCS to the machine tool. The port system is configured to detect when the PCS is coupled to the machine tool and to provide at least one of the program status data and the feedback data to the PCS in response to the detection of the PCS being coupled to the machine tool.

Type: Application

Filed: September 7, 2012

Publication date: March 13, 2014

Applicant: HAAS AUTOMATION, INC.

Inventor: Alan J. WEST

ROTARY UNION UTILIZING VACUUM EXTRACTION

Publication number: 20130014827

Abstract: A rotary union including a housing, a piston, and a

shaft is provided. The piston has a first fluid passage therethrough and is configured to slide axially between a first position and a second position. The shaft has a second fluid passage therethrough and is configured to rotate. A first port is arranged in the housing and is in fluid communication with a cavity formed between the housing and the piston. The first port is configured to deliver a pressurized fluid into the cavity to actuate the piston from the first position to the second position. A chamber is formed in the housing and surrounds an interface between the first and second fluid passages. A second port arranged in the housing is in fluid communication with the chamber. The second port is configured to apply a vacuum to the chamber to evacuate fluid leaked into the chamber from the interface.

Type: Application

Filed: July 10, 2012

Publication date: January 17, 2013

Applicant: HAAS AUTOMATION, INC.

Inventors: Thomas R. Velasquez, Cody J. Carothers, Gene F. Haas

Systems and methods for decelerating a motor in a computer numerical controlled machine tool

Patent number: 8299742

Abstract: A method for decelerating a motor in a computer numerical controlled machine tool is provided. The method includes calculating a present rate of deceleration DP, for a motor of a motor drive system, based on a present speed SP of the motor, a reference speed SR of the motor, and a reference rate of deceleration DR of the motor. The method also includes decelerating the motor from SP according to DP. The motor drive system comprises a maximum power rating that defines a maximum power, generated by the motor while decelerating, that can be dissipated without overloading the motor drive system. DR is a rate of deceleration such that power, generated by the motor while decelerating from SR according to DR, is equal to the maximum power rating. Power, generated while decelerating the motor from SP according to DP, is equal to or less than the maximum power rating.

Type: Grant

Filed: March 30, 2010

Date of Patent: October 30, 2012

Assignee: Haas Automation, Inc.

Inventors: Joseph V. Soliman, German M. Chistokhodov, Barry D.

Johnson, Robert M. Weston, Razmik G. Petrossians

Methods and systems for determining and displaying a time

to overload of machine tools

Patent number: 8294403

Abstract: Systems and methods for determining and displaying a time to overload of a motor in a computer numerical controlled (CNC) machine tool are provided. A method includes monitoring a fuse level of a motor in a CNC machine tool and calculating a time to overload of the motor based on the fuse level. The method further includes displaying the time to overload on a user interface based on the fuse level of the motor and a load acting on the motor.

Type: Grant

Filed: September 4, 2009

Date of Patent: October 23, 2012

Assignee: Haas Automation, Inc.

Inventors: Gene F. Haas, Kurt P. Zierhut

Rule based display systems and methods

Patent number: 8269645

Abstract: Rule based display systems and methods are provided. In an aspect of the disclosure, a display screen is dynamically generated using one or more display boxes selected from a plurality of display boxes stored in memory. Each of the plurality of display boxes has rules associated with the display box. To generate the display screen, a rules module generates a set of conditions based on current conditions of the system. The rules module then compares the rules of each display box with the set of conditions to identify display boxes having rules that are satisfied by the set of rules. A display module then generates the display screen using the display boxes identified by the rules module, thereby dynamically generating the display screen.

Type: Grant

Filed: September 18, 2009

Date of Patent: September 18, 2012

Assignee: Haas Automation, Inc.

Inventors: Alan West, Dustin Stevens-Baier, Daniel C. Johansson

Minimum oil machining system

Patent number: 8210318

Abstract: A lubrication system is provided for delivering coherent packets of a lubricant to a cutting surface of a machine tool. The system includes a nozzle for delivering a coherent packet of lubricant to the cutting surface, a pump for providing the lubricant to the nozzle via a supply line, and a controller configured to control the pump to provide the nozzle with a desired volume of lubricant. The coherent packet of lubricant has a volume substantially equal to the desired volume provided by the pump. The nozzle may be movable, and the controller may be configured to position

and orient the movable nozzle. The controller may be an integrated controller configured to control both the operation of the lubrication system and the operation of the machine tool.

Type: Grant

Filed: April 4, 2006

Date of Patent: July 3, 2012

Assignee: Haas Automation, Inc.

Inventors: Mathew Ryan Frowiss, Donald Paul Earl, Symon Man-Yiu Tsui, Michael A. Teitel, William F. Tandrow

SYSTEMS AND METHODS FOR DECELERATING A MOTOR IN A COMPUTER NUMERICAL CONTROLLED MACHINE TOOL

Publication number: 20110241595

Abstract: A method for decelerating a motor in a computer numerical controlled machine tool is provided. The method includes calculating a present rate of deceleration DP, for a motor of a motor drive system, based on a present speed SP of the motor, a reference speed SR of the motor, and a reference rate of deceleration DR of the motor. The method also includes decelerating the motor from SP according to DP. The motor drive system comprises a maximum power rating that defines a maximum power, generated by the motor while decelerating, that can be dissipated without overloading the motor drive system. DR is a rate of deceleration such that power, generated by the motor while decelerating from SR according to DR, is equal to the maximum power rating. Power, generated while decelerating the motor from SP according to DP, is equal to or less than the maximum power rating.

Type: Application

Filed: March 30, 2010

Publication date: October 6, 2011

Applicant: HAAS AUTOMATION, INC.

Inventors: Joseph V. Soliman, German M. Chistokhodov, Barry D. Johnson, Robert M. Weston, Razmik G. Petrossians

RULE BASED DISPLAY SYSTEMS AND METHODS

Publication number: 20110068945

Abstract: Rule based display systems and methods are provided. In an aspect of the disclosure, a display screen is dynamically generated using one or more display boxes selected from a plurality of display boxes stored in memory. Each of the plurality of display boxes has rules associated with the display box. To generate the display screen, a rules module generates a set of conditions based on current conditions of the system. The rules module then compares

the rules of each display box with the set of conditions to identify display boxes having rules that are satisfied by the set of rules. A display module then generates the display screen using the display boxes identified by the rules module, thereby dynamically generating the display screen.

Type: Application

Filed: September 18, 2009

Publication date: March 24, 2011

Applicant: HAAS AUTOMATION, INC.

Inventors: Alan WEST, Dustin Stevens-Baier, Daniel C. Johansson

DAMPENED SPINDLE CARTRIDGE AND SPINDLE ADAPTOR

Publication number: 20110070043

Abstract: A dampened spindle cartridge and a dampened spindle adaptor are provided for damping tool vibrations during operation of a machine tool. Damping media is arranged inside a cavity formed within the spindle adaptor or the spindle cartridge. The damping media may be a solid aggregate, such as steel shot or sand, or a viscous fluid, such as oil. The damping media attenuates and/or converts tool vibrations into friction and heat, thereby dissipating vibration energy generated during cutting operations performed by the machine tool and prevents reinforcement of the forced vibration.

Type: Application

Filed: September 8, 2010

Publication date: March 24, 2011

Applicant: HAAS AUTOMATION, INC.

Inventors: Gene F. Haas, Fred G. Eubanks, Peter A. Kiss, Curt J. Gelderman

AUTOMATIC DOOR WITH POSITION-DEPENDENT FORCE LIMITING

Publication number: 20110060466

Abstract: A method of controlling the motion of a moveable door includes determining the direction that the door is moving with respect to its anticipated closed position, and based on the direction, regulating an amount of force that is available to the door for its motion. The method may further include monitoring the position of the door as it is moving, and adjusting the motion of the door and regulating the amount of force available to the door for its motion, based on the calculated difference between the door's position as detected during monitoring and its expected position.

Type: Application

Filed: September 4, 2009

Publication date: March 10, 2011

Applicant: HAAS AUTOMATION, INC.
Inventors: William F. TANDROW, Kurt P. ZIERHUT, Michael A.

TEITEL, Symon Man-Yiu TSUI, Michael FECHTNER
METHODS AND SYSTEMS FOR DETERMINING AND
DISPLAYING A TIME TO OVERLOAD OF MACHINE
TOOLS

Publication number: 20110057594

Abstract: Systems and methods for determining and displaying a time to overload of a motor in a computer numerical controlled (CNC) machine tool are provided. A method includes monitoring a fuse level of a motor in a CNC machine tool and calculating a time to overload of the motor based on the fuse level. The method further includes displaying the time to overload on a user interface based on the fuse level of the motor and a load acting on the motor.

Type: Application

Filed: September 4, 2009

Publication date: March 10, 2011

Applicant: HAAS AUTOMATION, INC.

Inventors: Gene F. HAAS, Kurt P. ZIERHUT

CASES

GR Innovations, LLC v. Haas Automation, Inc. et al
Plaintiff: GR Innovations, LLC
Defendant: Haas Automation, Inc., Gerotech, Inc. and CNC Associates, Inc.

Case Number: 4:2016cv10182

Filed: January 19, 2016

Court: Michigan Eastern District Court

Office: Flint Office

County: Oakland

Referring Judge: Stephanie Dawkins Davis

Presiding Judge: Linda V. Parker

Nature of Suit: Other Contract

Cause of Action: 28:1332

Jury Demanded By: None

Swearington v. Haas Automation, Inc et al, No.
3:2009cv00473 - Document 55 (S.D. Cal. 2009)

Ims Technology, Inc., Plaintiff-appellant, v. Haas Automation, Inc. and Gene Francis Haas, Defendants-cross Appellants, 206 F.3d 1422 (Fed. Cir. 2000)

HAAS AUTOMATION, INC. V. BRIAN DENNY, No. 11-56991 (9th Cir. 2013)

TRADEMARKS

Haas Automation, Inc. Trademarks

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WINDSHEAR

Wind tunnel testing services for the testing of automobiles
Owned by: Haas Automation, Inc.
Serial Number: 77222550

HAAS FACTORY OUTLET

Distributorships in the field of CNC machines
Owned by: Haas Automation, Inc.
Serial Number: 77240909

HAAS FACTORY OUTLET

Repair, service and installation of CNC machines
Owned by: Haas Automation, Inc.
Serial Number: 77241215

H

Machine tools, namely, vertical drilling and milling machines,
horizontal drilling and milling machines, lathes, indexers...
Owned by: Haas Automation, Inc.
Serial Number: 77245326

HTEC

Educational services provided through partnerships with
educational institutions to provide technical education in the
form...
Owned by: Haas Automation, Inc.
Serial Number: 77734053

HAAS RACING

Financial sponsorship of automobile racing
Owned by: Haas Automation, Inc.
Serial Number: 77795418

HAAS CNC RACING

Financial sponsorship of automobile racing
Owned by: Haas Automation, Inc.
Serial Number: 77795419

HAAS RACING

Entertainment services in the nature of automobile racing
and exhibitions
Owned by: Haas Automation, Inc.
Serial Number: 85738866

H HAAS

Distributorships in the field of CNC machines and CNC
parts; Online retail store services featuring CNC machine
parts

Owned by: Haas Automation, Inc.
Serial Number: 86143316

HAAS

Machine tools and power tools, all equipped with computerized numerical controls, namely, machining centers, drilling and...

Owned by: Haas Automation, Inc.
Serial Number: 86143318

H

Machine tools and power tools, all equipped with computerized numerical controls, namely, machining centers, drilling and...

Owned by: Haas Automation, Inc.
Serial Number: 86249597

VF

Machine tools and power tools, all equipped with computerized numerical controls, namely, machining centers, drilling and...

Owned by: Haas Automation, Inc.
Serial Number: 86249745

BUILD-A-QUOTE

Providing a web site featuring on-line non-downloadable software which allows a user to customize a CNC machine, provides...

Owned by: Haas Automation, Inc.
Serial Number: 86501330

HAASTECH

Conducting trade shows in the field of CNC machines and related products and services

Owned by: Haas Automation, Inc.
Serial Number: 86509505

H

After shave lotion; cologne; perfume; After-sun lotions; Body lotions; Body wash; Cleaning and washing preparations; shower...

Owned by: Haas Automation, Inc.
Serial Number: 86773939

H

Anti-freeze; coolants; automotive fluids, namely, brake fluid

Owned by: Haas Automation, Inc.
Serial Number: 86773941

H
Metal goods, namely, key chains, key rings, key clips, non-luminous and non-mechanical signs; license plates, collector...

Owned by: Haas Automation, Inc.

Serial Number: 86773943

H
Automotive power tools, namely, power jacks; spark plugs; exhaust system kits for automobiles comprised of mufflers, exhaust...

Owned by: Haas Automation, Inc.

Serial Number: 86773944

H
High performance automobile parts and accessories, namely, pressure gauges, tire tread depth gauges, speedometers, tachometers...

Owned by: Haas Automation, Inc.

Serial Number: 86773945

H
Lamps, outdoor lighted lawn displays for Christmas, refrigerators; fitted decorative refrigerator covers; decorative electric...

Owned by: Haas Automation, Inc.

Serial Number: 86773948

H
Automotive parts and accessories, namely, automobile chassis parts, namely, control arms, sway bars, shock absorbers, suspension...

Owned by: Haas Automation, Inc.

Serial Number: 86773950

H
Jewelry and accessories, namely, hat pins being jewelry for use on hats, charms for charm bracelets, earrings, necklaces...

Owned by: Haas Automation, Inc.

Serial Number: 86773953

H
Adhesive tapes for industrial and commercial uses; electrical tape; plastic films, namely, tinted plastic film for use on...

Owned by: Haas Automation, Inc.

Serial Number: 86773958

H

Luggage and related items, namely, luggage, athletic bags, shoe bags for travel, overnight bags, back packs, fanny packs...

Owned by: Haas Automation, Inc.
Serial Number: 86773962

H
Non-metal key rings; non-metal and non-leather key chains; photo key chains not of metal or leather; key fobs, not of metal...

Owned by: Haas Automation, Inc.
Serial Number: 86773963

H
Decorative bed linen, bed blankets, blankets for bed and outdoor use, cloth throws, afghans, table cloths made of cloth,...

Owned by: Haas Automation, Inc.
Serial Number: 86773966

H
Clothing, namely, shirts, pants, headwear, clothing belts, head bands, wrist bands, leather jackets, leather caps, beverage...

Owned by: Haas Automation, Inc.
Serial Number: 86773968

H
Rugs; carpets; floor mats for automotive vehicles
Owned by: Haas Automation, Inc.
Serial Number: 86773970

H
Toys and sporting goods, namely, miniature toy automobiles, toy automobile hoods, toy airplanes, toy trucks, toy boats,...

Owned by: Haas Automation, Inc.
Serial Number: 86773971

H
Fruit juices; fruit drinks; soft drinks; sports drinks; energy drinks; vegetable drinks; protein-enriched sports beverages...

Owned by: Haas Automation, Inc.
Serial Number: 86773974

H
Wine; wine coolers; mixed beverages containing alcohol, except beers

Owned by: Haas Automation, Inc.

Serial Number: 86773977

H
Ashtrays for smokers, cigarette and cigar lighters, smokers'
pipes, cigarette and cigar holders
Owned by: Haas Automation, Inc.
Serial Number: 86773979

H
Advertising services, namely, providing advertising space on
an automobile participating in automobile racing events
and...
Owned by: Haas Automation, Inc.
Serial Number: 86773982

H
Telecommunication services, namely, transmission of
podcasts and webcasts, providing electronic messages,
data, graphics...
Owned by: Haas Automation, Inc.
Serial Number: 86773984

H
Entertainment services in the nature of participating in
professional automobile races and automobile racing
exhibitions...
Owned by: Haas Automation, Inc.
Serial Number: 86773987

H
Bar, restaurant, hotel and catering services; arranging
reservations for travel lodging and meals, temporary lodging
and...
Owned by: Haas Automation, Inc.
Serial Number: 86773991

H
Paper goods and printed material, namely, brochures,
magazines, newsletters, pamphlets, souvenir programs in
the nature...
Owned by: Haas Automation, Inc.
Serial Number: 86773999

H
Housewares and glass, namely, shot glasses, plates,
drinking glasses, cups, mugs and drinking steins,
commemorative collector...
Owned by: Haas Automation, Inc.
Serial Number: 86774000

H
Ornamental novelty pins; zipper pulls, shoe laces, belt buckles, ornamental novelty buttons, hair barrettes, ornamental...

Owned by: Haas Automation, Inc.
Serial Number: 86774004

H HAAS

Anti-freeze; coolants; automotive fluids, namely, brake fluid
Owned by: Haas Automation, Inc.
Serial Number: 86775463

SUMMARY

HASS AUTOMATION INC. is an organization which manufactures CNC machine tools established in CALIFORNIA since 1983.

This is a large-sized company which has 1,400 full-time employees and an estimated \$174 million in annual revenue. It imports from MEXICO, CHINA and GERMANY. In addition, it exports to MEXICO, PERU and ECUADOR.

This is an ACTIVE company incorporated in CALIFORNIA since 1983.

RISK INFORMATION

DEBTS
PAYMENTS
CASH FLOW
STATUS

Controlled
Regular
Normal
Active

INTERVIEW

NAME
POSITION
COMMENTS

Tim
Administration
The person contacted confirmed address, founder and owner, directors, activity, staff number, experience, imports and exports.

FOREIGN EXCHANGE RATES

Currency	Unit	Indian Rupees
US Dollar	1	INR 68.80
UK Pound	1	INR 90.58
Euro	1	INR 80.45
USD	1	INR 68.65

Note : Above are approximate rates obtained from sources believed to be correct

INFORMATION DETAILS

Analysis Done by :	NIY
Report Prepared by :	POJ

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RATING EXPLANATIONS

Credit Rating	Explanation	Rating Comments
A++	Minimum Risk	Business dealings permissible with minimum risk of default
A+	Low Risk	Business dealings permissible with low risk of default
A	Acceptable Risk	Business dealings permissible with moderate risk of default
B	Medium Risk	Business dealings permissible on a regular monitoring basis
C	Medium High Risk	Business dealings permissible preferably on secured basis
D	High Risk	Business dealing not recommended or on secured terms only
NB	New Business	No recommendation can be done due to business in infancy stage
NT	No Trace	No recommendation can be done as the business is not traceable

NB is stated where there is insufficient information to facilitate rating. However, it is not to be considered as unfavourable.

This score serves as a reference to assess SC's credit risk and to set the amount of credit to be extended. It is calculated from a composite of weighted scores obtained from each of the major sections of this report. The assessed factors are as follows:

- Financial condition covering various ratios
- Company background and operations size
- Promoters / Management background
- Payment record
- Litigation against the subject
- Industry scenario / competitor analysis
- Supplier / Customer / Banker review (wherever available)