

Curriculum Vitae Europass



Personal Information

Surname / Name **Furinghetti Angelo**
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E-mail angelofuringhetti@gmail.com
Nationality Italian
Date of birth 19-April-1954
Sex Male

Work Experience

Dates	From 01 st -January-2016 to Today
Occupation or position held	Engineering consultant, for mechanics, electrics and automation
Main activities and responsibilities	Freelance and industrial consultant for machinery and system design for: Mechanic Pneumatic and hydraulic Electric and automation Safety Training Manual Software coding and testing Mathematical model simulation (thermal and mechanics) Energy consumption and saving Problem Solving Laboratory and plant test and data collection
Type of business or sector	R&D and machinery system engineering
Date	From 01 st -October-2008 to 31-December-2015
Occupation or position held	Industrial consultant
Main activities and responsibilities	Engineering consultant for industrial plant proposal, performance and energy saving development, mainly focused on extrusion and forging plant.
Name and address of the employer	Danieli & C Officine Meccaniche s.p.a. – Buttrio -ITALY
Type of business or sector	R&D and machinery system engineering

Date	From 01 st -May-2005 to 30 th -September-2008
Occupation or position held	Executive Vice President BREDA division (Danieli & C Officine Meccaniche s.p.a.)
Main activities and responsibilities	Responsible for selling, budget and cost of product division for: Forging Press Steel and aluminium extrusion press Hot forming pipe ends for oil and gas Rail bound and free moving manipulator for forging plant
Name and address of the employer	Danieli & C Officine Meccaniche s.p.a.- Buttrio - ITALY
Type of business or sector	Design and manufacturing plant
Date	From 1999 a 30-04-2005
Occupation or position held	Engineering Director at FATA Hunter division (FATA Group s.p.a.)
Main activities and responsibilities	System and detail design for mechanical, electric and automation product equipment Responsible for cost and performance of manufactured equipment such as: Cold rolling mill (rougher, finishing and universal) Aluminium continuous casting Steel and aluminium coating line Steel pickling continuous and semi-continuous line Tension Leveller
Name and address of the employer	FATA Group s.p.a. – Pianezza - ITALY
Type of business or sector	Design and manufacturing plant
Date	May 1995 a 1999
Occupation or position held	Electrical and automation engineering manager at FATA Hunter (division of FATA Group s.p.a.)
Main activities and responsibilities	System and detail design for electric and automation product equipment Responsible for cost and performance of manufactured equipment such as: Cold rolling mill (rougher, finishing and universal) Aluminium continuous casting Steel and aluminium coating line Steel pickling continuous and semi-continuous line Tension Leveller
Name and address of the employer	FATA Group s.p.a. – Pianezza - ITALY
Type of business or sector	Design and manufacturing plant
Dates	From May 1990 to April 1995
Occupation or position held	Electrical and automation engineering manager at INNSE Innocenti Sant'Eustacchio s.p.a
Main activities and responsibilities	System and detail design for electric and automation product equipment Responsible for cost and performance of manufactured equipment such as: Seamless pipe rolling mill Flat Rolling mill (hot and cold) Skin pass Continuous casting Extrusion Press (aluminium and steel) R&D automation packages
Name and address of the employer	INNSE Innocenti Sant'Eustacchio s.p.a – Milan - ITALY
Type of business or sector	Design and manufacturing plant
Dates	April 1989 a May 1990
Occupation or position held	Principal Software Specialist
Main activities and responsibilities	Selling support for plant floor manufacturing process, software development and hardware configuration definition
Name and address of the employer	Digital Equipment Corp. – USA
Type of business or sector	Software and hardware
Date	March 1978 a March 1989
Occupation or position held	Engineering (coordinator from 1984)

Main activities and responsibilities	Mechanical engineering, thermal mathematical model simulation and on line software optimization and control for steel reheating furnace (batch and continuous). Mathematical model simulation for transitory heating exchange.																																								
Name and address of the employer	Italmimpianti s.p.a. – Genoa - ITALY																																								
Type of business or sector	Industrial Plant																																								
Education, qualification and training																																									
Date	2 nd -December-1977																																								
Achieved Title	Engineering professional qualification																																								
Organization	State Exam																																								
Level	Iscritto all'ordine degli ingegneri di Genoa from March 1978																																								
Date	2 nd - November - 1977																																								
Achieved Title	Mechanical engineering degree - 110/110 cum laude																																								
Specific Professional Skill	Thermo University of Genoa - ITALY																																								
Date	01 st – July - 1972																																								
Achieved Title	Scientific High School Graduation (56/60) Scientific High School Enrico Fermi – Genoa - ITALY																																								
Personal skills																																									
Mother tongue	Italian																																								
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Understanding				Speaking				Writing																																	
Listening		Reading		Spoken interaction		Spoken production																																			
	C1		C1		C1		C1		C1																																
	C1		C1		C1		C1		C1																																
	French																																								
	English																																								
Capacità e competenze sociali																																									
Organisational / managerial skills	Coordination of work groups and company sectors, maintaining positive collaboration between employees and motivating them to the final technical and economic result. Management and definition of engineering and economic budgets																																								
Job related Skills	System capacity for industrial plants in defining specifications and studying machines in multi disciplines																																								
Digital skills	Operating System RSX11, VMS, LINUX e Windows Programming languages (basic, fortran, C, labview, java, python, PLC) Office (word, excel, access, power point) Modelling and simulation (ANSYS, Scilab) CAD 2d e 3D (autocad e inventor) System definition and functional specifications																																								

Other skills and Patents

Radial forging press

Issued date February 2015

FORGING MACHINE

Publication number: 20170008067

Abstract: A forging machine with one or more hammers, comprising, for each hammer, an eccentric shaft (1) adapted to rotate about a first axis; a connecting rod (2), adapted to be actuated by the eccentric shaft operating as crank; a guiding frame (10); wherein the hammer is adapted to perform an alternating working movement within said guiding frame along a second axis perpendicular to the first axis; wherein the hammer comprises a hydraulic cylinder (8) provided with a hollow body (5), to which a forging member (15) is externally fixed, and with a piston (3) at least partially inserted within said hollow body and removably coupled to the connecting rod; wherein a first hydraulic chamber (6), arranged between piston and hollow body, allows to move the hollow body away from and/or towards said piston; wherein uncoupling means are provided for uncoupling the piston from the connecting rod.

Type: Application

Filed: February 9, 2015

Publication date: January 12, 2017

Inventors: Marco Schreiber, Angelo Furinghetti

Pipe end forming press (UP-SET)

Issued date May 2012

PRESS FOR UPSETTING AN END OF A METALLIC MATERIAL PIPE

Publication number: 20140076020

Abstract: The present invention relates to an upsetting press (1, 1?) for upsetting an end (2) of a metallic material pipe (3), e.g. for petroleum applications. The press (1, 1?) comprises a supporting structure (10) which defines a working space and first locking means (15) for locking the pipe (3) to be upset. The press further comprises first upsetting means comprising at least one first upsetting die formed by a first pair of half dies (21, 22) which can be separated and closed about the end (2) of the pipe (3) to be upset and at least one axially movable cylindrical punch (30). The press (1, 1?) further comprises die holding means which support the half dies (21, 22) moving them between a closing position and an opening position.

Type: Application

Filed: May 3, 2012

Publication date: March 20, 2014

Applicant: Danieli & C. Officine Meccaniche S.P.A

Inventors: Roberto Camagni, Maurizio Cosolo, Angelo Furinghetti

Publications

Advanced computer control system for reheat furnaces.

Issued date

FORGING MACHINE

Publication number: 20170008067

Abstract

Energy savings, a closer control of rolling temperature and operating improvements have been demonstrated through application of a new process control system installed on a walking beam reheat furnace for a rod mill. Main features of the system include: an on-line mathematical model to simulate heating and heat supply distribution; data checking and instrumentation diagnostics; and data logging. New and old reheat furnaces can be equipped with the system.

Publication date: August 1983

Authors: Piergiorgio Fontana, Angelo Boggiano, Angelo Furinghetti, Carlo Alberto Simoncini, Giorgio Cabras

Driving License

Grado B

Autorizzo il trattamento dei miei dati personali ai sensi del Decreto Legislativo 30 giugno 2003, n. 196 "Codice in materia di protezione dei dati personali"

Firma