



CURRICULUM VITAE

FRANZ JOSEF

EMMINGER

SERIAL ENTREPRENEUR

EDUCATION

AEROSPACE ENGINEERING

Degree: Engineer

Federal technical college of aerospace engineering

Airbase Brumowski, Austria

1991 -1995

- LauhalaLand – Private Coastal Forest

EXPERTISE

- Fund raising
- Leading development teams
- Managing international private and public stakeholders (customer, supplier, authorities, political representatives,...)
- Media & press management
- Innovation & Development
- Injection molding of microstructures
- Mechatronics
- Photobioreactors

CONTACT

+43 664 88410224
franz@emminger.at
www.emminger.at

ABOUT ME

born on the 1st of April 1977 in Hainburg an der Donau, AUSTRIA, I've started and lead many successful projects.

I have lots and lots of ideas... far too many, but my strength is implementing

Working is life. I love creating my own reality and chances for others. I'm a team worker and strategist.

"Everyone knew it was impossible, until a fool who didn't know came along and did it." — Albert Einstein

EXPERIENCE

2020 SARCURA GMBH

DIRECTOR ENGINEERING & CO-FOUNDER

SARCURA GmbH: Cell Therapy Solutions – Sarcura is developing an innovative and highly integrated CAR-T cell manufacturing platform that will allow shorter turnaround times and is key to ensure more efficient, safer and affordable cell therapy products.

- Design and test engineering concepts for fluid management
- Coordination of technology and development partner
- Prototyping
- Patent research and evaluation
- Fundraising

2018 THE COOLING COMPANY GMBH

CEO & CO-FOUNDER

The Cooling Company GmbH: Product development of emergency body cooling systems

2018 LAUHALALAND

ESTABLISHMENT OF A PRIVATE COASTAL FOREST PRESERVE

LauhalaLand – Private Coastal Forest Preserve

PROFESSIONAL DEVELOPMENT

- CERTIFIED COMPACT FLUID
SIMULATION TRAINING
Autodesk Simulation
2013
- TRADE CERTIFICATE FOR
MECHATRONICS
2010
- LICENSED SHIP MASTER
2004
- TRAINEE INSTRUCTOR
CERTIFICATE
2004
- NLP TRINERGY SEMINAR FOR
MANAGERS
ZENS COMMUNICATION
2004

PERSONAL DATA

- Date of birth: 01.04.1977
- 2 children
Jana (2003)
Felix (2007)

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EXPERIENCE CONTINUED

2015 HONUA HOLDING GMBH
CEO & FOUNDER
honua holding GmbH: Several R&D projects.

2008 ECODUNA AG
- CTO & CO FOUNDER

2018 Founding and maturing a startup company,
developing and producing photobioreactors for the
cultivation of micro-algae, 40 employees

- Technical development of a closed loop bioreactor
concept
- Fundraising
- Stakeholder management
- Hiring and managing technical teams
- Lead customer acquisition

Starting from the scratch in 2005 with growing
microalgae in plastic bottles on the own roof, the
concept was proven at a final scale of 230km (!)
reactor length on 10.000m² footprint producing 100t
biomass per year in 2018

2006 ETEC ENGINEERING GMBH
- R&D MANAGER

2008 Configuration of combined heating and power station
Projects for special Fuels

- Evaluation of concepts using alternative biofuels
- Early prototyping
- Technology screening

2003 3A MEDIA PRODUKTION & HANDEL GMBH
- MANAGER TECHNICAL DEVELOPMENT

2006 Production and trading of DVD recordable

- Developing upstream production process of DVD
recordable in a cleanroom environment
- Injection Molding of microstructures incl development
of analytical methods (atom force microscope)
- train and lead a team of operators
- building relationships with international technology
partners and suppliers

LINGUISTIC PROFICIENCY

GERMAN

NATIVE LANGUAGE

ENGLISH

SECOND LANGUAGE; FLUENT

PROFILE

- Comfortable thinking outside my box
- Incredibly open to new concepts and ways of life
- Finding simple solutions for complex technical problems
- Bringing big ideas and finishing what I have started
- Leaving good ideas behind for better ones

INTERESTS

- Fire breathing
- Funambulating
- Scale Modelling
- Travelling

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AWARDS

- 2014 ENERGY GLOBE WORLD AWARD 2014 - 1ST PLACE**
THE WORLD AWARD FOR SUSTAINABILITY -
ECODUNA
- 2012 DR. ERWIN PRÖLL ZUKUNFTSPREIS 2012 - 1ST PLACE**
FUTURE PRICE BY THE GOVERNOR OF LOWER
AUSTRIA DR. ERWIN PRÖLL ECODUNA
- 2010 AWARD FOR TECHNICAL INNOVATION BY THE**
AUSTRIAN ECONOMIC CHAMBERS 2010
ECODUNA
- 2010 AWARD FOR OUTSTANDING INNOVATION BY THE**
GOVERNMENT OF LOWER-AUSTRIA 2010
ECODUNA
- 2009 RIZ GENIUS AWARD 2009 - 1ST PLACE**
ECODUNA

FILED PATENTS

WO002019010516A1 13.07.2018
PORTABLE COOLING APPLIANCE

WO002018041859A1 30.08.2017
PHOTOBIOREACTOR HAVING MOVABLE MAINTENANCE
DEVICE

WO002017045003A2 14.09.2016
BELT DRYER AND METHOD FOR DEWATERING
MICROALGAE

WO002016176698A1 02.05.2016
DEVICE FOR A PHOTOCHEMICAL PROCESS, SUCH AS A
PHOTOCATALYTICAL AND/OR PHOTOSYNTHETIC

WO002016168871A2 22.04.2016
METHOD FOR OBTAINING, IN PARTICULAR FOR
HARVESTING, ALGAE AND MICROORGANISMS

WO002016011468A1 22.07.2015
METHOD FOR A PHOTOCHEMICAL PROCESS, SUCH AS A
PHOTOCATALYTIC AND/OR PHOTOSYNTHETIC

WO002015179888A1 27.05.2015
METHOD FOR A PHOTOCHEMICAL PROCESS, SUCH AS A
PHOTOCATALYTIC AND/OR PHOTOSYNTHETIC

WO002011022742A1 17.08.2010
ELECTRICALLY DRIVEN VEHICLE

WO002010102316A2 08.03.2010
DEVICE FOR A PHOTOCHEMICAL PROCESS

WO002009094680A1 27.01.2009
METHOD AND DEVICE FOR PHOTOCHEMICAL PROCESS