



To transform the world through innovative, aluminium engineering

Gränges is one of the largest manufacturers of rolled products, especially rolled aluminium, for heat exchangers and selected niche applications.

The history of Gränges AB dates back to 1896. The company has evolved in many aspects over the past 120 years and is now a global Group with around 1,600 employees and net sales of over SEK 11 billion (2017).

Gränges, like Valea, is a customer-driven company and a leader in aluminium engineering, manufacturing and innovation. Gränges' end-customers are in the automotive industry, the stationary heat exchanger industry, and niche markets such as transformers and food packaging. Every second car produced in the world today contains material manufactured by Gränges.

Gränges works closely with its customers – from product design to full-scale production. Gränges is highly skilled in development and production, particularly in developing alloys, hot rolling clad materials, thermo-mechanical processing, and slitting. Together, these skills enable Gränges to produce high value-added products.

Gränges' manufacturing plants in Shanghai and Finspång are optimized for manufacturing heat exchanger materials for brazed heat exchangers, a segment in which Gränges is the global leader. In the US, the efficient manufacturing plants are well-suited for producing materials for stationary heat exchangers, food packaging, transformers and other niche markets.

IP is a very important tool for protecting and promoting Gränges' R&D. Valea supports Gränges in its various IP work, by managing the patent depart-

ment's administration and assists the patent and legal department with attorney work.

Christer Jönsson is Patent Manager at Gränges and Niclas Nelson, General Counsel. They consider the importance of IP being to protect Gränges' products, the result of Research and Innovation (R&I) and also as a support for R&I. Significant investments are made in R&I, and because of the products and processes' high complexity, the expertise and know-how of Gränges' technologies play an important role for customers and Gränges' internal product development, quality and production. These technologies must be protected. For IP protection Gränges needs a partner with sound knowledge of IP and IP processes, which also provides continuity.

Valea believes that, in accordance with its vision, developing a proactive IP strategy and portfolio to secure appropriate IP rights is essential for the business success. A major reason for the successful relationship between Valea and Gränges is teamwork, openness and close collaboration. Based on the cooperation and understanding of the business, Valea and Gränges are working together with the aim of developing and strengthening Gränges' IP portfolio.



BEHDAD ASSADI
Patent Attorney
Authorised Patent Attorney (SE)
Founding Partner

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GRÄNGES

Founded: 1896 in Grängesberg

Products: Gränges is focused on rolled products for heat exchangers and selected niche applications.

Market: Gränges is one of the few genuinely large global players in rolled aluminium products with production, sales and customer-driven product development in three major continents.