

Title (en)

METHOD FOR PRODUCING METAL PRODUCTS

Title (de)

VERFAHREN ZUM HERSTELLEN VON ERZEUGNISSEN AUS METALL

Title (fr)

PROCEDE DE FABRICATION DE PRODUITS EN METAL

Publication

EP 1765536 B1 20090318 (DE)

Application

EP 05748361 A 20050616

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Abstract (en)

[origin: WO2005123305A2] The invention relates to a method for producing products from metal, such as powders, foils, coats, and shaped articles, such as bolts, tubes or metal sheets from metal in the form of semi-finished products (15). According to said method, the metal of the semi-finished articles (15) is molten and atomized by means of an inductive magnetic field (12), and left to solidify to a powder in a chamber (25) or sprayed onto a support and left to solidify on said support. The molten metal is supplied as a film (21), stabilized by gas flows (14), in a gas nozzle (10) that is either configured as a Laval or a Venturi nozzle, and is then atomized by additional gas flows (13).

IPC 8 full level

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IPC 8 main group level

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Cited by

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