

Title (en)

METHOD AND FACILITY FOR TRANSFORMING A LIQUID-STATE METAL INTO A SOLID-STATE METAL

Title (de)

VERFAHREN UND ANLAGE ZUR UMWANDLUNG EINES FLÜSSIGEN METALLS IN EIN FESTES METALL

Title (fr)

PROCÉDÉ ET INSTALLATION DE TRANSFORMATION D'UN MÉTAL À L'ÉTAT LIQUIDE EN UN MÉTAL À L'ÉTAT SOLIDE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2014135501A2] A method and facility for transforming a liquid-state metal into a fragmented solid-state metal. The liquid-state metal is poured onto an upstream portion of a receiving surface (7) of a first cooled vibrating table (4). The metal falls from the downstream end of the first table onto an upstream portion of a receiving surface (17) of a second cooled vibrating table (5). The fragmented and solidified metal is discharged to the downstream end of the receiving surface of this second table. A rotary fragmentation roller (102) can be positioned above one table. The tables comprise an upstream area (7) for cooling by a liquid-gas emulsion and a downstream area (17) for cooling by a liquid.

IPC 8 full level

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