Title (en)

ROLLING METHOD HAVING OPTIMIZED STRAIN PENETRATION

Title (de)

WALZVERFAHREN MIT OPTIMIERTER STRAIN PENETRATION

Title (fr)

PROCÉDÉ DE LAMINAGE OFFRANT UNE DÉFORMATION À COEUR OPTIMISÉE

Publication

EP 2480350 B1 20140430 (DE)

Application

EP 10760296 A 20100921

Priority

- EP 09171252 A 20090924
- EP 2010063915 W 20100921
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Abstract (en)

[origin: EP2301684A1] The method involves determining a number of reduction stages, and rolling a rolling stock based on the determined number of reduction stages. Performance limits of a rolling mill are completely utilized in each reduction stage, or the performance limits of the rolling mill are not completely utilized in one of the reduction stages. An intermediate thickness of the rolling stock lies outside of a permissible thickness range (DB) when the number of reduction stages is reduced by one. The performance limits are completely utilized for the entire reduction stages that are reduced by one. Independent claims are also included for the following: (1) a computer program having a set of instructions to perform a method for operating a rolling mill for rolling a flat rolling stock from an initial thickness to a final thickness (2) a control device for a rolling mill for rolling a flat rolling stock.

IPC 8 full level

B21B 37/16 (2006.01)

CPC (source: EP US)

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