

Title (en)

METAL STRIP PRODUCTION PROCESS AND PLANT

Title (de)

VERFAHREN UND ANLAGE ZUR HERSTELLUNG VON METALLSTREIFEN

Title (fr)

PROCEDE ET INSTALLATION DE PRODUCTION DE BANDE METALLIQUE

Publication

EP 1940566 B1 20120314 (EN)

Application

EP 06793735 A 20060922

Priority

- EP 2006066615 W 20060922
- IT MI20051764 A 20050922

Abstract (en)

[origin: WO2007039483A1] Process and ultra-compact plant for the production of steel strip including a mold that produces a very thin slab, with narrow sides between 25 and 32 mm thick, and with a bulge, characterized by a core in which the steel is still liquid. The slab is passed at a speed of between 6 and 16 m/min through a vertical prerolling device that reduces the thickness of the slab and closes its liquid core. The slab is then pre-rolled and, forming a loop, assumes a horizontal position where it is descaled and undergoes reduction in a compact group of millstands, maintaining its temperature above the recrystallization point Ar3.

IPC 8 full level

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CPC (source: EP)

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Cited by

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