Title (en)
METHOD FOR MILLING THIN AND/OR THICK SLABS MADE OF STEEL MATERIALS INTO HOT-ROLLED STRIP

Title (de)
VERFAHREN ZUM WALZEN VON DÜNNEN UND/ODER DICKEN BRAMMEN AUS STAHLWERKSTOFFEN ZU WARMBAND

Title (fr)
PROCEDE POUR LE LAMINAGE EN UN FEUILLARD A CHAUD DE BRAMES MINCES ET/OU EPAISSES EN MATERIAUX A BASE D'ACIER

Publication
EP 1590104 B1 20060816 (DE)

Application
EP 04706634 A 20040130

Priority
• EP 2004000832 W 20040130
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Abstract (en)
[origin: WO2004069440A1] Disclosed is a method for milling thin and/or thick slabs (2; 3) made of steel materials into hot-rolled strip (4a). Said slabs are first cast as thin or thick slabs (2; 3) in a continuous casting machine (1), are heated to a milling temperature in a tunnel furnace (5) or walking beam furnace (7), are milled in a mill train (4), and are then chilled and rolled up into coils (18). Said method can be carried out in a largely continuous manner at maximum capacity of the mill train (4) according to the quality standard of the hot-rolled strip (4a) while roller wear is reduced due to the fact that the mill train (4) is formed inline by roughing stands (4c) and finishing stands (4b) into which thin slab sections (2b) or thick slab sections (3b) are introduced at a suitable point of the mill train according to the thickness thereof.

IPC 8 full level
B21B 1/46 (2006.01); B21B 1/26 (2006.01)

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