

Title (en)
High performance bar or wire rolling mill

Title (de)
Hochleistungs-Stabstahl/Drahtstrasse

Title (fr)
Train de laminoir à haute performance pour barres ou fils

Publication
EP 0432532 B1 19960424 (DE)

Application
EP 90122276 A 19901122

Priority
DE 3940736 A 19891209

Abstract (en)
[origin: EP0432532A2] In a high-performance bar or wire rolling mill, especially for the single-strand twist-free rolling of rolling stock, with a roughing train 1 having in each case a plurality of roll stands or roll units, at least one intermediate train 2 and an adjoining finishing train 3 with a subsequent finishing block 4 if required, it is proposed that roll changing be carried out in accordance with the minimised sequence of passes in each mill section, the changing of the rolls in the roughing train 1 being carried out with crane tools 15, in the intermediate train 2 with manipulators 16 and in the finishing train 3 by means of rapid-change devices 17 and in addition by means of manipulators 16 if required, all the roll stands or roll units in the individual mill sections 1 to 4 having removable rolls 18, 31, 32, 46 in floating mounts in order to increase the availability and output of the rolling mill. <IMAGE>

IPC 1-7
B21B 1/18; **B21B 31/08**

IPC 8 full level
B21B 1/16 (2006.01); **B21B 1/18** (2006.01); **B21B 31/08** (2006.01); **B21B 1/08** (2006.01); **B21B 13/00** (2006.01); **B21B 15/00** (2006.01); **B21B 27/03** (2006.01)

CPC (source: EP US)
B21B 1/18 (2013.01 - EP US); **B21B 31/08** (2013.01 - EP US); **B21B 1/0815** (2013.01 - EP US); **B21B 13/005** (2013.01 - EP US); **B21B 27/03** (2013.01 - EP US); **B21B 2015/0021** (2013.01 - EP US)

Cited by
EP0873798A1; US5893288A; CN1093010C; EP0788845A1; US5862699A; US11478831B2

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AT DE ES GB IT SE

DOCDB simple family (publication)
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