

Title (en)
Small section/wire rod mill

Title (de)
Feinstahl-/Drahtstrasse

Title (fr)
Laminoir à fers marchands et à fil d'acier

Publication
EP 0560093 B1 19970716 (DE)

Application
EP 93102528 A 19930218

Priority
DE 4207296 A 19920307

Abstract (en)
[origin: EP0560093A1] The invention relates to a high-duty/small section/wire rod mill with a roughing train having in each case a plurality of roll stands or rolling units, with at least one intermediate train and with an adjoining finishing train, in particular in the form of a finishing block 1 for the single- or multi-strand rolling of wire or stock having a circular cross-section composed of special steel or some other alloy steel. With a view to a higher throughput and for the purpose of better stock quality, the said mill is provided with at least one two-stand rerolling block 11, which is arranged on the output side of the finishing block, a temperature-controlling cooling and/or equalising device 17, 18 for the stock being inserted between the finishing block 1 and the rerolling block 11. <IMAGE>

IPC 1-7
B21B 1/18

IPC 8 full level
B21B 1/18 (2006.01); **B21B 35/02** (2006.01); **B21B 45/02** (2006.01)

CPC (source: EP US)
B21B 1/18 (2013.01 - EP US); **B21B 35/02** (2013.01 - EP US); **B21B 45/0224** (2013.01 - EP US); **B21B 2273/08** (2013.01 - EP US)

Cited by
EP0788845A1; US5862699A

Designated contracting state (EPC)
AT DE FR GB IT SE

DOCDB simple family (publication)
EP 0560093 A1 19930915; EP 0560093 B1 19970716; AT E155369 T1 19970815; DE 4207296 A1 19930909; DE 59306906 D1 19970821;
JP 3357111 B2 20021216; JP H05337501 A 19931221; US 5406822 A 19950418; US 5421183 A 19950606

DOCDB simple family (application)
EP 93102528 A 19930218; AT 93102528 T 19930218; DE 4207296 A 19920307; DE 59306906 T 19930218; JP 4398793 A 19930304;
US 2730393 A 19930305; US 30009194 A 19940831