

Title (en)
High performance wire rolling mill

Title (de)
Hochleistungs-Drahtwalzwerk

Title (fr)
Laminoir à fils à haute performance

Publication
EP 0876856 B1 20030226 (DE)

Application
EP 98108138 A 19980505

Priority
DE 19719319 A 19970508

Abstract (en)
[origin: EP0876856A2] The installation includes a continuous casting unit or casting wheel (1), a rolling mill and a buffer furnace (3) for smoothing production differences and smaller disturbances. There is also a compact preliminary section (4) and an intermediate section I (5), as well as calibrating means for the sections (4, 5). There is a 180 degrees turn (6) behind the intermediate section I followed by an intermediate section II (7) and a finish section (8). Both of these sections are designed for quick roll stand changing. The section (8) is arranged in a production line (9) parallel to the section (II). Additionally there is a water cooling section (11) which is common to both the production lines (9, 10), and is laterally movable from one to the other. Finally there is coiling unit (12) which is movable between the two production lines.

IPC 1-7
B21B 1/18

IPC 8 full level
B22D 11/12 (2006.01); **B21B 1/18** (2006.01); **B21B 1/46** (2006.01); **B21B 13/22** (2006.01); **B21B 31/08** (2006.01); **B21B 39/00** (2006.01); **B21B 43/00** (2006.01); **B21B 15/00** (2006.01); **B21B 45/02** (2006.01)

CPC (source: EP US)
B21B 1/18 (2013.01 - EP US); **B21B 1/466** (2013.01 - EP US); **B21B 45/0224** (2013.01 - EP US); **B21B 2015/0057** (2013.01 - EP US); **B21B 2203/185** (2013.01 - EP US); **Y10T 29/5184** (2015.01 - EP US)

Cited by
EP1197271A3; EP1108479A3; CN110695084A

Designated contracting state (EPC)
AT DE IT SE

DOCDB simple family (publication)
EP 0876856 A2 19981111; **EP 0876856 A3 19990609**; **EP 0876856 B1 20030226**; AT E233133 T1 20030315; DE 19719319 A1 19981112; DE 59807274 D1 20030403; JP H10314810 A 19981202; US 5946783 A 19990907

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EP 98108138 A 19980505; AT 98108138 T 19980505; DE 19719319 A 19970508; DE 59807274 T 19980505; JP 12355298 A 19980506; US 7412898 A 19980507