

Title (en)

Rolling mill, in particular skew rolling mill or Diescher rolling mill, of modular construction

Title (de)

Walzwerk, insbesondere Schräg- oder Diescherwalzwerk, in Modulbauweise

Title (fr)

Laminoir, en particulier laminoir à cylindres obliques ou de type Diescher, à construction modulaire

Publication

**EP 1151808 A3 20050511 (DE)**

Application

**EP 01102441 A 20010203**

Priority

DE 10020702 A 20000427

Abstract (en)

[origin: EP1151808A2] Rolling mill comprises a roll stand (4) consisting of opposite-lying portal frames (7, 8) fixed to a plate (6) with an upper cassette (9) for an upper rolling unit (11) and a lower cassette for a lower rolling unit (12). Both frames are tensioned and fixed to each other using several pulling elements (13) arranged above or next to each other. Preferred Features: Both portal frames are connected to each other using a cross frame (14). Rollers each consist of a lower drum unit (17b) with conical rolls (18).

IPC 1-7

**B21B 13/00**; **B21B 19/02**; **B21B 35/14**; **B21B 31/02**

IPC 8 full level

**B21B 19/06** (2006.01); **B21B 13/00** (2006.01); **B21B 19/02** (2006.01); **B21B 31/02** (2006.01); **B21B 35/14** (2006.01); **B21B 31/04** (2006.01)

CPC (source: EP US)

**B21B 13/008** (2013.01 - EP US); **B21B 19/02** (2013.01 - EP US); **B21B 31/02** (2013.01 - EP US); **B21B 35/14** (2013.01 - EP US); **B21B 31/04** (2013.01 - EP US); **B21B 2203/06** (2013.01 - EP US)

Citation (search report)

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- [A] PATENT ABSTRACTS OF JAPAN vol. 013, no. 022 (M - 786) 19 January 1989 (1989-01-19)

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**EP 1151808 A2 20011107**; **EP 1151808 A3 20050511**; **EP 1151808 B1 20060927**; AT E340658 T1 20061015; DE 10020702 A1 20011031; DE 10020702 B4 20050616; DE 10020702 B8 20051117; DE 50111071 D1 20061109; JP 2002001406 A 20020108; JP 4231631 B2 20090304; US 2002000113 A1 20020103; US 6546772 B2 20030415

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