

Title (en)

Rolling mill, hot rolling system, rolling method and rolling mill revamping method

Title (de)

Walzwerk, Warmwalzsystem, Walzverfahren und Walzwerknachrüstverfahren

Title (fr)

Laminoir, système de laminage à chaud, procédé de laminage et procédé de rattrapage pour laminoirs

Publication

**EP 0506138 B1 19980225 (EN)**

Application

**EP 92105463 A 19920330**

Priority

- JP 2095692 A 19920206
- JP 6600791 A 19910329

Abstract (en)

[origin: EP0506138A1] A work roll crossing type rolling mill has back-up rolls (8) arranged in such a manner that their axes are not inclined in a horizontal plane. Work rolls (7) are constructed in such a manner that their axes can be inclined in a horizontal plane relative to the back-up rolls such that the axes of the work rolls cross the axes of the back-up rolls and such that the axes of the work rolls cross each other. A lubricant supply device (1) is provided for supplying a lubricant between each work roll and each back-up roll to greatly reduce the thrust exerted to the work rolls, whereby the rolling mill is given an excellent ability of controlling the crown of the material to be rolled. <IMAGE>

IPC 1-7

**B21B 13/02**; **B21B 27/10**; **B21B 37/00**; **B21B 28/04**

IPC 8 full level

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CPC (source: EP KR)

**B21B 13/023** (2013.01 - EP); **B21B 13/14** (2013.01 - KR); **B21B 27/06** (2013.01 - KR); **B21B 27/10** (2013.01 - EP KR); **B21B 28/04** (2013.01 - EP); **B21B 37/28** (2013.01 - EP); **B21B 1/26** (2013.01 - EP); **B21B 15/0085** (2013.01 - EP); **B21B 31/07** (2013.01 - EP); **B21B 31/185** (2013.01 - EP); **B21B 35/12** (2013.01 - EP); **B21B 37/007** (2013.01 - EP); **B21B 2265/12** (2013.01 - EP)

Cited by

WO2022248093A1; EP4094857A1; US5655398A; EP0555882A1; US5657655A; US5782127A; EP0590682A1; EP0597169A1; US5390518A; US5524465A; CN115415331A; EP1036605A1; DE19758035C2; DE4447382A1; DE4447382C2; PL425172A1; US11801540B2

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