

Title (en)

Device for introducing lubricant into the roll gap of a hot rolling mill

Title (de)

Vorrichtung zum Einbringen von Schmierstoff in den Walzspalt eines Warm-Walzwerks

Title (fr)

Dispositif pour l'introduction de lubrifiant dans l'emprise d'un laminoir à chaud

Publication

EP 1027941 A3 20020710 (DE)

Application

EP 99125197 A 19991217

Priority

DE 19905833 A 19990212

Abstract (en)

[origin: EP1027941A2] Hot rolling mill roll gap lubricant feed equipment comprises a lubricant delivery beam pressed against a work roll (2, 3). Equipment for lubricant introduction into the roll gap (28) of a hot rolling mill (1) comprises a beam which extends parallel to the work roll axis and over its width and which is connected to a force application system for pressing the beam against the work roll (2, 3), the beam having a lubricant outlet opening facing the work roll surface. Preferred Features: The beam is in the form of a wiper (9-12) which is used to strip cooling liquid from the work roll surface and which has an opening in the form of a groove.

IPC 1-7

B21B 27/10

IPC 8 full level

B21B 27/10 (2006.01); **B21B 3/02** (2006.01)

CPC (source: EP)

B21B 27/10 (2013.01); **B21B 3/02** (2013.01)

Citation (search report)

- [A] EP 0130721 A2 19850109 - DAVY MCKEE POOLE [GB]
- [XAY] PATENT ABSTRACTS OF JAPAN vol. 007, no. 047 (M - 196) 24 February 1983 (1983-02-24)
- [Y] PATENT ABSTRACTS OF JAPAN vol. 1997, no. 03 31 March 1997 (1997-03-31)
- [XA] DATABASE WPI Section Ch Derwent World Patents Index; Class M21, AN 1972-75508T, XP002198099
- [XA] DATABASE WPI Section Ch Week 197642, Derwent World Patents Index; Class M21, AN 1976-78988X, XP002198100
- [A] DATABASE WPI Section Ch Week 197426, Derwent World Patents Index; Class M21, AN 1974-47919V, XP002198101
- [A] PATENT ABSTRACTS OF JAPAN vol. 014, no. 103 (M - 0941) 26 February 1990 (1990-02-26)

Designated contracting state (EPC)

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