

Title (en)

Device for holding at least one roll in a rolling machine

Title (de)

Vorrichtung zum Halten wenigstens einer Walze einer Walzmaschine

Title (fr)

Dispositif de fixation au moins un rouleau d'une machine de roulage

Publication

EP 1468754 A3 20060208 (DE)

Application

EP 04003625 A 20040218

Priority

DE 10317312 A 20030414

Abstract (en)

[origin: EP1468754A2] The device has two coupling arrangements (6,7) comprising two coupling parts (6A,7A) having two grooves and two coupling elements, respectively. When coupling arrangements are in coupled mode, the first coupling element of coupling part (6A) extends into the first groove of coupling part (6A). The second coupling element of coupling part (7A) positively engages second groove of coupling part (6A). Two holding arrangements (12,13) are arranged on opposite faces of one roller viewed in the direction of a rotational axis. The coupling arrangements can be configured in a coupled mode and an uncoupled mode, wherein one roller can be detached from the two holding arrangements are in uncoupled mode. The second groove does not run parallel to the first groove.

IPC 8 full level

B21B 31/08 (2006.01); **B21B 35/14** (2006.01); **B21B 35/00** (2006.01); **B21B 31/02** (2006.01); **B21B 31/07** (2006.01)

CPC (source: EP US)

B21B 31/08 (2013.01 - EP US); **B21B 31/02** (2013.01 - EP US); **B21B 31/07** (2013.01 - EP US)

Citation (search report)

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- [A] GB 1210738 A 19701028 - MANNESMANN MEER AG [DE]
- [A] DE 19832520 A1 20000210 - TELLER BERND [DE], et al
- [A] EP 1110725 A2 20010627 - TOKYO KIKAI SEISAKUSHO LTD [JP]

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EP1790423A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1468754 A2 20041020; **EP 1468754 A3 20060208**; **EP 1468754 B1 20070815**; CN 100392261 C 20080604; CN 1570408 A 20050126; DE 10317312 A1 20041125; DE 502004004611 D1 20070927; JP 2004314173 A 20041111; JP 4156547 B2 20080924; US 2004200251 A1 20041014; US 7010952 B2 20060314

DOCDB simple family (application)

EP 04003625 A 20040218; CN 200410029833 A 20040329; DE 10317312 A 20030414; DE 502004004611 T 20040218; JP 2004072359 A 20040315; US 81163104 A 20040329