

Title (en)

Roll changing device for rolling stands, in particular six-high rolling stands

Title (de)

Walzenwechsellvorrichtung für Walzgerüste, insbesondere Sextowalzgerüste

Title (fr)

Dispositif de changement de cylindres pour cages de laminoir, en particulier cages de laminoir à six cylindres

Publication

EP 1136143 A3 20040128 (DE)

Application

EP 01105232 A 20010303

Priority

DE 20004856 U 20000316

Abstract (en)

[origin: EP1136143A2] A motor-operated transporter movable between two end points by a changing cassette (5) of the changing cassette car (1) has a coupling to couple the working rollers (13, 14) and/or the intermediate rollers (15, 16) during roller changing. Roller changing device comprises a roller changing car equipped with a changing cassette with rails for the inserts of the lower roller and both intermediate rollers of the roller arrangement. The rails of the cassette are arranged horizontally in pairs during roller exchange with corresponding rails for the lower working rollers. A motor-operated transporter movable between two end points by a changing cassette (5) of the changing cassette car (1) has a coupling to couple the working rollers (13, 14) and/or the intermediate rollers (15, 16) during roller changing.

IPC 1-7

B21B 31/10

IPC 8 full level

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CPC (source: EP)

B21B 31/103 (2013.01); **B21B 31/12** (2013.01); **B21B 2013/028** (2013.01); **B21B 2203/30** (2013.01)

Citation (search report)

- [DA] DE 19747013 A1 19990429 - SCHLOEMANN SIEMAG AG [DE]
- [A] EP 0908246 A1 19990414 - KVAERNER METALS CLECIM [FR]
- [A] EP 0112981 A2 19840711 - SCHLOEMANN SIEMAG AG [DE]
- [A] PATENT ABSTRACTS OF JAPAN vol. 1996, no. 02 29 February 1996 (1996-02-29)
- [A] PATENT ABSTRACTS OF JAPAN vol. 009, no. 042 (M - 359) 22 February 1985 (1985-02-22)
- [A] DATABASE WPI Section Ch Week 197517, Derwent World Patents Index; Class M21, AN 1975-28605W, XP002263340

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DE 20004856 U1 20000525; DE 50106359 D1 20050707; EP 1136143 A2 20010926; EP 1136143 A3 20040128; EP 1136143 B1 20050601

DOCDB simple family (application)

DE 20004856 U 20000316; DE 50106359 T 20010303; EP 01105232 A 20010303