

Title (en)

GUIDING MEANS FOR USE IN A CONTINUOUS CASTING PLANT

Publication

EP 0467877 A3 19920226 (DE)

Application

EP 91890150 A 19910711

Priority

- DE 4022871 A 19900718
- DE 4022894 A 19900718

Abstract (en)

[origin: EP0467877A2] 1. Guiding means for use in a continuous casting plant <??>2.1 In the case of known guiding means, the setting of different strand thicknesses is associated with disadvantages such as complicated manipulation and susceptibility to faults of the device which permits this setting. <??>2.2 The frame parts (7 and 9) are supported one above the other by supporting (26) and countersupporting devices (27), which are equipped with supporting faces in different vertical positions and with countersupporting faces. Provided in series to the supporting and countersupporting devices there is in addition in each case one rotatable bush (43) with a helical supporting surface (45) on which is supported an abutment (44) associated with one of the frame parts (9). <IMAGE>

IPC 1-7

B22D 11/10; **B22D 11/12**

IPC 8 full level

B22D 11/12 (2006.01); **B22D 11/128** (2006.01)

CPC (source: EP US)

B22D 11/128 (2013.01 - EP US)

Citation (search report)

- [Y] DE 3212414 A1 19821111 - VOEST ALPINE AG [AT]
- [YD] EP 0194656 A1 19860917 - MANNESMANN AG [DE]
- [A] DE 2612094 A1 19761014 - VOEST AG

Cited by

US11565309B2

Designated contracting state (EPC)

AT DE FR GB IT

DOCDB simple family (publication)

EP 0467877 A2 19920122; **EP 0467877 A3 19920226**; **EP 0467877 B1 19941214**; AT E115448 T1 19941215; DE 59103863 D1 19950202; JP H04231155 A 19920820; US 5115857 A 19920526

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EP 91890150 A 19910711; AT 91890150 T 19910711; DE 59103863 T 19910711; JP 17653891 A 19910717; US 72634891 A 19910705