

Title (en)

Apparatus for the oscillation of a continuous casting mould.

Title (de)

Oszillationsvorrichtung für Stranggiesskokille.

Title (fr)

Dispositif d'oscillation pour lingotière de coulée continue.

Publication

EP 0421560 B1 19940413 (DE)

Application

EP 90250247 A 19901001

Priority

DE 3933526 A 19891004

Abstract (en)

[origin: EP0421560A1] The invention relates to an apparatus for the oscillation of continuous casting moulds (1) with a quadrilateral base frame (7) on which two rotatively driven eccentric shafts (5, 5') are arranged in parallel. The oscillation can be transmitted to the mould via the eccentrics arranged thereon. In order to keep the masses to be moved small while ensuring precise synchronism of movement, it is proposed that the mould be fixed in an opening of a supporting plate (2), that a wearing plate (3) be arranged underneath the supporting plate at each corner and that this wearing plate rest on an eccentric outer ring (4') which is rotatably mounted on the eccentrics. Spring bars (6) are furthermore provided parallel to the edges of the supporting plate. <IMAGE>

IPC 1-7

B22D 11/04

IPC 8 full level

B22D 11/04 (2006.01); **B22D 11/053** (2006.01)

CPC (source: EP US)

B22D 11/053 (2013.01 - EP US)

Cited by

EP0920935A3; EP0953391A1; CN110170628A; US6167941B1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL

DOCDB simple family (publication)

EP 0421560 A1 19910410; **EP 0421560 B1 19940413**; AT E104185 T1 19940415; CA 2026818 A1 19910405; DE 3933526 A1 19910418; DE 3933526 C2 19920213; DE 59005346 D1 19940519; JP H03128148 A 19910531; US 5202134 A 19930413

DOCDB simple family (application)

EP 90250247 A 19901001; AT 90250247 T 19901001; CA 2026818 A 19901003; DE 3933526 A 19891004; DE 59005346 T 19901001; JP 26369990 A 19901001; US 59285090 A 19901004