

Title (en)
DEVICE FOR CONTINUOUS CASTING OF MOLTEN METAL BETWEEN TWO CYLINDERS

Publication
EP 0401145 B1 19930707 (FR)

Application
EP 90470030 A 19900521

Priority
FR 8907011 A 19890529

Abstract (en)
[origin: EP0401145A1] This device comprises two parallel horizontal cylinders (2a, 2b) defining between them an intermediate volume for the molten metal (1) to be cast, the ends of which are closed by plates (4) with a specified clearance between them and the surfaces of the cylinders against which they are continuously held; in order to maintain the constant clearance during the successive castings, the plates (4) incorporate rolling bearing components (7) which bear on the terminal faces of the cylinders (2a, 2b) and which project from the surfaces of the plates (4) by a distance equal to the clearance (e) provided; the plates (4) are continuously held against the cylinders by means of springs (10) bearing on a frame (20). The rolling bearing components (7) (rollers and/or balls) prevent any wear of the plates and their clearance is automatically maintained by means of the springs (10) during casting. <IMAGE>

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B22D 11/06

IPC 8 full level
B22D 11/06 (2006.01)

CPC (source: EP KR US)
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EP 0401145 A1 19901205; EP 0401145 B1 19930707; AT E91245 T1 19930715; AU 5605190 A 19901129; AU 625185 B2 19920702; BR 9002492 A 19911112; CA 2017637 A1 19901129; DD 294644 A5 19911010; DE 69002129 D1 19930812; DE 69002129 T2 19931202; FR 2647376 A1 19901130; FR 2647376 B1 19910913; JP 2992055 B2 19991220; JP H0313253 A 19910122; KR 0181735 B1 19990401; KR 900017689 A 19901219; RU 2013183 C1 19940530; US 5010948 A 19910430; ZA 904063 B 19920129

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