

Title (en)
Mould for continuous casting

Title (de)
Kokille

Title (fr)
Lingotière

Publication
EP 1795281 A3 20080709 (DE)

Application
EP 06023083 A 20061107

Priority
DE 102005059712 A 20051212

Abstract (en)
[origin: EP1795281A2] A permanent chill mold comprises a mold tube (1) placed in water box, where a water gap is formed between inner side wall of water box and outer side (2) of mold tube; and sheet metal water deflector(s) (3) situated in the water gap. The mold tube is supported in one direction to be laterally freely shiftable with respect to the water box, and the working position of the mold tube is adjusted by flow relationships in the water gap. A partial area of the outer surface of the mold tube is provided with cooling channels (7). The deflector has a diversion section (10, 11).

IPC 8 full level
B22D 11/055 (2006.01)

CPC (source: EP KR US)
B22D 11/04 (2013.01 - KR); **B22D 11/055** (2013.01 - EP US)

Citation (search report)
[A] EP 1398099 A1 20040317 - KM EUROPA METAL AG [DE]

Cited by
ITUD20130090A1; ITUD20110211A1; WO2014207729A3; WO2013093605A2; US9522423B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
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EP 06023083 A 20061107; AT 06023083 T 20061107; BR PI0605210 A 20061211; CA 2570957 A 20061212; CN 200610165922 A 20061211; DE 102005059712 A 20051212; ES 06023083 T 20061107; JP 2006327920 A 20061205; KR 20060119489 A 20061130; RU 2006143780 A 20061211; US 63746006 A 20061211