

Title (en)
Mould for continuous casting

Title (de)
Stranggiesskokille

Title (fr)
Lingotière pour coulée continue

Publication
EP 1795281 B1 20120125 (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)

Cited by
ITUD20130090A1; ITUD20110211A1; WO2014207729A3; WO2013093605A2; US9522423B2

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 1795281 A2 20070613; EP 1795281 A3 20080709; EP 1795281 B1 20120125; AT E542620 T1 20120215; BR PI0605210 A 20071009; CA 2570957 A1 20070612; CA 2570957 C 20110823; CN 101007339 A 20070801; CN 101007339 B 20110126; DE 102005059712 A1 20070621; ES 2381388 T3 20120525; JP 2007160402 A 20070628; JP 4722821 B2 20110713; KR 101225806 B1 20130123; KR 20070062411 A 20070615; RU 2006143780 A 20080620; RU 2404014 C2 20101120; US 2007131380 A1 20070614; US 7658221 B2 20100209

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