

Title (en)
Liquid cooled continuous casting mold for casting metal strands

Title (de)
Flüssigkeitsgekühlte Kokille zum Stranggiessen von Metallen

Title (fr)
Lingotière à refroidissement liquide pour la coulée continue de métaux

Publication
EP 1398099 B1 20050615 (DE)

Application
EP 03016467 A 20030722

Priority
DE 10237472 A 20020816

Abstract (en)
[origin: EP1398099A1] Liquid-cooled mold comprises mold plates (1) made from copper or copper alloy joined to an adapter plate or water tank by bolts (14) fixed to a base protruding from the coolant side (6) of the mold plate. The bolts protrude into a cooling gap (5) formed between the mold plate and the adapter plate and have a structure fitting the flow direction of the coolant.

IPC 1-7
B22D 11/055

IPC 8 full level
B22D 11/059 (2006.01); **B22D 11/04** (2006.01); **B22D 11/055** (2006.01); **B22D 11/22** (2006.01)

CPC (source: EP KR US)
B22D 11/055 (2013.01 - EP US); **B22D 11/22** (2013.01 - KR)

Cited by
EP1892050A1; EP1736257A3; ITMI20120153A1; DE102006051171A1; EP1795281A3; EP1555073A1; EP1795281A2; US8240357B2

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

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