

Title (en)
CONTINUOUS CASTING DIE WITH COOLANT CHANNEL

Title (de)
STRANGGIESSKOKILLE MIT KÜHLMITTELKANAL

Title (fr)
LINGOTIÈRE DE COULÉE CONTINUE AVEC CANAL DE RÉFRIGÉRANT

Publication
EP 2121218 A1 20091125 (DE)

Application
EP 07847053 A 20071211

Priority
• EP 2007010773 W 20071211
• DE 102007002405 A 20070117

Abstract (en)
[origin: CA2670037A1] The invention relates to a continuous casting die (1) with a coolant channel (2), which is formed by an inner wall of the die (3) as the hot side, the wall facing the molten metal, an outer wall of the die (4) as the cold side, and a right side wall (5) and a left side wall (6). The coolant channel (2) is provided with turbulence-creating elements (7, 9, 10).

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

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

Citation (search report)
See references of WO 2008086856A1

Cited by
RU2711276C1

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 MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
DE 102007002405 A1 20080724; AR 064927 A1 20090506; BR PI0718884 A2 20131217; CA 2670037 A1 20080724; CN 101646515 A 20100210; CN 101646515 B 20120613; EP 2121218 A1 20091125; JP 2010515580 A 20100513; KR 20090077925 A 20090716; MX 2009007659 A 20091013; RU 2414986 C1 20110327; TW 200909099 A 20090301; UA 92985 C2 20101227; US 2010065242 A1 20100318; WO 2008086856 A1 20080724; ZA 200902185 B 20100127

DOCDB simple family (application)
DE 102007002405 A 20070117; AR P080100195 A 20080116; BR PI0718884 A 20071211; CA 2670037 A 20071211; CN 200780050090 A 20071211; EP 07847053 A 20071211; EP 2007010773 W 20071211; JP 2009545093 A 20071211; KR 20097008292 A 20071211; MX 2009007659 A 20071211; RU 2009131056 A 20071211; TW 96147157 A 20071211; UA A200908561 A 20071211; US 44895307 A 20071211; ZA 200902185 A 20090326