

Title (en)

Tube mould for continuous casting

Title (de)

Rohrkokille zum Stranggiessen

Title (fr)

Lingotière tubulaire pour la coulée continue

Publication

**EP 1468760 B1 20050525 (DE)**

Application

**EP 03008681 A 20030416**

Priority

EP 03008681 A 20030416

Abstract (en)

[origin: EP1468760A1] A permanent mold for continuous casting of steel billets and shaped blooms consisting of a copper tube (3) forming a mold cavity (4), provision for water cooling, where the copper tube is completely covered by a protective jacket (12), where the copper tube has a rough external jacket (5) with a protective surface (8), and a cooling channel is located in the copper tube or in the jacket (12).

IPC 1-7

**B22D 11/00; B22D 11/04**

IPC 8 full level

**B22D 11/00** (2006.01); **B22D 11/04** (2006.01); **B22D 11/055** (2006.01)

CPC (source: EP KR US)

**B22D 11/00** (2013.01 - EP US); **B22D 11/04** (2013.01 - EP KR US); **B22D 11/055** (2013.01 - EP US); **B22D 11/115** (2013.01 - KR);  
**B22D 11/124** (2013.01 - KR); **H01F 7/02** (2013.01 - KR); **H01F 7/06** (2013.01 - KR)

Cited by

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KR20210105356A; EP2620236A3; AT512433B1; EP1792676A1; WO2019007656A1; EP3406368A1; EA017205B1; ITUD20130090A1;  
WO2016166215A1; EP3695918A1; WO2014207729A3; WO2008148465A1; WO2023041814A1; WO2014207729A2

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DOCDB simple family (publication)

**EP 1468760 A1 20041020; EP 1468760 B1 20050525;** AR 043879 A1 20050817; AT E296174 T1 20050615; AU 2004230206 A1 20041028;  
AU 2004230206 B2 20081211; BR PI0409449 A 20060502; BR PI0409449 B1 20111116; CA 2522190 A1 20041028; CA 2522190 C 20090929;  
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MX PA05009765 A 20060519; MY 136189 A 20080829; PL 207539 B1 20101231; PL 377699 A1 20060206; PT 1468760 E 20051031;  
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DOCDB simple family (application)

**EP 03008681 A 20030416;** AR P040101305 A 20040419; AT 03008681 T 20030416; AU 2004230206 A 20040407; BR PI0409449 A 20040407;  
CA 2522190 A 20040407; CN 200480010049 A 20040407; DE 50300582 T 20030416; EG NA2005000605 A 20051002;  
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