

Title (en)

METHOD AND DEVICE FOR CASTING INGOTS OF FERRO-ALLOYS BY PERMANENT MOULD CASTING INTO COOLED COPPER CHILLS

Publication

**EP 0131025 B1 19870401 (FR)**

Application

**EP 84900391 A 19840106**

Priority

FR 8300474 A 19830106

Abstract (en)

[origin: WO8402668A1] The device is comprised of an ingot mould (1), made of copper, formed by two half chills (2) of which at least one comprises a plurality of cavities (10) of the ingots to be cast, which cavities communicate through channels (11, 12) and open at the upper part on to a pig sow (18); cooling means (5) by heat conveyor fluid for each half chill (2); means (9) for contacting and sealing both half chills; means for taking away both half chills from each other; means (7, 8) for guiding the take-away motions and for sealing the half chills.

IPC 1-7

**B22C 9/06**; **B22D 5/00**

IPC 8 full level

**B22C 9/06** (2006.01); **B22D 5/00** (2006.01); **B22D 7/06** (2006.01)

IPC 8 main group level

**B22C** (2006.01); **B22D** (2006.01)

CPC (source: EP US)

**B22C 9/06** (2013.01 - EP US); **B22D 5/00** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE CH DE GB LI LU NL SE

DOCDB simple family (publication)

**WO 8402668 A1 19840719**; AT E26228 T1 19870415; AU 2415784 A 19840802; AU 568627 B2 19880107; BR 8404557 A 19841211; DE 3462857 D1 19870507; EP 0131025 A1 19850116; EP 0131025 B1 19870401; FR 2539062 A1 19840713; FR 2539062 B1 19860613; IT 1172957 B 19870618; IT 8419017 A0 19840104; IT 8419017 A1 19850704; JP S60500205 A 19850221; NO 163124 B 19900102; NO 163124 C 19900411; NO 843082 L 19840731; US 4616690 A 19861014; ZA 84129 B 19840829

DOCDB simple family (application)

**FR 8400005 W 19840106**; AT 84900391 T 19840106; AU 2415784 A 19840106; BR 8404557 A 19840106; DE 3462857 T 19840106; EP 84900391 A 19840106; FR 8300474 A 19830106; IT 1901784 A 19840104; JP 50048284 A 19840106; NO 843082 A 19840731; US 65324084 A 19840906; ZA 84129 A 19840106