

Title (en)
Oscillating mould with an immersion nozzle for continuous casting of slabs

Title (de)
Oszillierende Kokille mit Tauchguss zum Stranggiessen von Brammen

Title (fr)
Lingotière oscillante avec tube de coulé immergé pour la coulée continue de brames

Publication
EP 0865849 B1 20011114 (DE)

Application
EP 98104363 A 19980311

Priority
DE 19710791 A 19970317

Abstract (en)
[origin: EP0865849A1] Oscillating mould intended for continuous casting preferably of steel slabs with an a submerged melt outlet and use of casting powder incorporates a submerged melt outlet pipe (8) with a flow cross section (8.4) and an outlet cross section (8.3.1). It further incorporates freely movable narrow-side plates (1.3), and broad-side plates (1) which are plane in the direction of the mould length and are concave with a central symmetry in the direction of the mould with. The broad-side plates are additionally provided with a funnel section (5) corresponding to the cross section (8.1) of the melt outlet pipe at least in the melt level zone. This funnel section is at least partially reduced towards the mould outlet.

IPC 1-7
B22D 11/04

IPC 8 full level
B22D 11/04 (2006.01); **B22D 11/10** (2006.01)

CPC (source: EP KR US)
B22D 11/0408 (2013.01 - EP KR US); **B22D 11/05** (2013.01 - KR); **B22D 11/053** (2013.01 - KR)

Cited by
EP1445045A1; ITMI20120046A1; EP0904873B2

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DOCDB simple family (publication)
EP 0865849 A1 19980923; EP 0865849 B1 20011114; AT E208670 T1 20011115; BR 9806388 A 19991221; CA 2232216 A1 19980917; DE 19710791 A1 19980924; DE 19710791 C2 20000120; DE 59802117 D1 20011220; ES 2167819 T3 20020516; JP H10291056 A 19981104; KR 19980080236 A 19981125; US 5941298 A 19990824; ZA 982226 B 19981009

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