

Title (en)

BACKWARD TIE BEAM IN A MOULD FOR DIE PRESSURE CASTING OF METALLIC PLATE PRODUCTS OR SLABS

Publication

EP 0379406 B1 19930324 (FR)

Application

EP 90400094 A 19900112

Priority

FR 8900456 A 19890116

Abstract (en)

[origin: WO9007999A1] The spacer comprises a body (20) made from a single, hollow metallic part having a U-shaped cross section. The concave part of the cross section is directed towards the rear and the front side (20a) of the hollow body corresponding to the base of the U constitutes the moulding wall of the spacer (16). An inner curved metallic sleeve provides a free space of small width having a U-shaped cross section in which a flow of water cools the mould wall (20a) over its entire length. The spacer (33) also comprises lateral parts in contact with the lateral walls of the hollow walls of the hollow body.

IPC 1-7

B22D 7/08; **B22D 17/22**

IPC 8 full level

B22D 7/08 (2006.01); **B22D 17/22** (2006.01); **B22D 18/04** (2006.01); **B22D 27/04** (2006.01)

CPC (source: EP KR US)

B22D 7/08 (2013.01 - EP US); **B22D 17/22** (2013.01 - KR); **B22D 18/04** (2013.01 - EP US)

Citation (examination)

- PATENT ABSTRACTS OF JAPAN vol.11,no.6(M-551)(2453), 8 janvier 1987;
- PATENT ABSTRACTS OF JAPAN vpl.12, no.10 (M-658)(2857), 13 janvier 1988;

Cited by

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AT BE CH DE DK ES FR GB GR IT LI LU NL SE

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EP 0379406 A1 19900725; **EP 0379406 B1 19930324**; AT E87249 T1 19930415; AU 4940990 A 19900813; DE 69001137 D1 19930429; DE 69001137 T2 19930715; FR 2642683 A1 19900810; FR 2642683 B1 19910517; JP H04504534 A 19920813; KR 910700112 A 19910313; US 5143144 A 19920901; WO 9007999 A1 19900726

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