

Title (en)
Device for venting a casting mould

Title (de)
Vorrichtung zum Entlüften einer Gießform

Title (fr)
Dispositif de purge d'air d'un moule

Publication
EP 2756896 A3 20180110 (DE)

Application
EP 14150199 A 20140106

Priority
DE 102013100442 A 20130116

Abstract (en)
[origin: EP2756896A2] The device (10) has two mold halves (12,14) mutually arranged opposite to each other. The pointing surfaces (16) of mold halves are parallel to each other and to flow direction and provided with crosswise running projections (18) and recesses (20). A washboard, labyrinth or meander-shaped gap (22) is partially formed between inlet (24) and outlet (26) of mold halves to flow displaced air and excess molten-liquid material from mold. The mold halves are releasably arranged next to each other in longitudinal direction and provided with connected segments (12a-12c,14a-14c).

IPC 8 full level
B22C 9/06 (2006.01)

CPC (source: EP US)
B22C 9/067 (2013.01 - EP US); **B22D 17/145** (2013.01 - EP US)

Citation (search report)

- [X] JP S63163254 U 19881025
- [X] DE 69814023 T2 20040401 - NGK INSULATORS LTD [JP]
- [A] DE 20208464 U1 20021121 - MFSA MODELL WERKZEUG & FORMENB [DE], et al
- [A] DE 202010006751 U1 20100805 - INTERGUSS GIESEREIPRODUKTE GMB [DE], et al
- [A] US 2008041550 A1 20080221 - WANG LAIHUA [AU], et al

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CZ306937B6

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2756896 A2 20140723; EP 2756896 A3 20180110; CN 104070150 A 20141001; CN 104070150 B 20180921;
DE 102014100053 A1 20140717; US 2014196864 A1 20140717; US 9272326 B2 20160301

DOCDB simple family (application)
EP 14150199 A 20140106; CN 201410021544 A 20140116; DE 102014100053 A 20140106; US 201414146147 A 20140102