

Title (en)

ASSEMBLY FOR USE IN THE MANUFACTURE OF A DIVISIBLE MOULD

Title (de)

ANORDNUNG ZUR VERWENDUNG BEIM HERSTELLEN EINER TEILBAREN GIESSFORM

Title (fr)

SYSTEME A UTILISER LORS DE LA PRODUCTION D'UN MOULE DIVISIBLE

Publication

EP 2982458 B1 20181010 (DE)

Application

EP 15178440 A 20150727

Priority

DE 102014215715 A 20140807

Abstract (en)

[origin: US2016038996A1] An arrangement for use in the production of a separable casting mould, preferably of a vertically separable casting mould is disclosed. The arrangement can include (i) a mould plate and/or a mould pattern, (ii) a feeder system having a feeder element and having a feeder insert, wherein feeder element and feeder insert delimit a feeder cavity for receiving liquid metal. The arrangement also includes one or more tipping prevention elements which are designed to counteract tipping of the feeder system out of the opening axis about the first end of the feeder element when, in the event of the feeder system being acted on with a force acting parallel to the opening axis and in the direction of the first end, the side wall deforms and the spacing between the first and second ends is reduced, wherein the one or more tipping prevention element(s) are/is spaced apart from the opening axis.

IPC 8 full level

B22C 9/08 (2006.01); **B22C 7/04** (2006.01); **B22C 21/14** (2006.01)

CPC (source: EP US)

B22C 7/04 (2013.01 - EP US); **B22C 9/088** (2013.01 - EP US); **B22C 11/00** (2013.01 - US); **B22C 19/00** (2013.01 - US);
B22C 21/14 (2013.01 - EP US)

Cited by

CN112207232A; EP3395470A1; DE202024100498U1; DE202021106147U1; WO2023083404A1

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

DOCDB simple family (publication)

EP 2982458 A1 20160210; **EP 2982458 B1 20181010**; CN 105364013 A 20160302; CN 105364013 B 20190723;
DE 102014215715 A1 20160211; ES 2703933 T3 20190313; PL 2982458 T3 20190531; TR 201820747 T4 20190221;
US 10112235 B2 20181030; US 2016038996 A1 20160211

DOCDB simple family (application)

EP 15178440 A 20150727; CN 201510484648 A 20150807; DE 102014215715 A 20140807; ES 15178440 T 20150727;
PL 15178440 T 20150727; TR 201820747 T 20150727; US 201514820642 A 20150807