Title (en)

FEEDER INSERT AND METHOD FOR ARRANGING SAME IN A CASTING MOLD

Title (de)

SPEISEREINSATZ UND VERFAHREN ZU DESSEN ANORDNUNG IN EINER GIESSFORM

Title (fr)

INSERT DE DISPOSITIF D'ALIMENTATION ET PROCÉDÉ PERMETTANT D'AGENCER LEDIT INSERT DANS UN MOULE

Publication

EP 2956256 A1 20151223 (DE)

Application

EP 14700282 A 20140110

Priority

- DE 202013001418 U 20130215
- DE 202013001932 U 20130301
- DE 202013001933 U 20130301
- EP 2014050346 W 20140110

Abstract (en)

[origin: WO2014124766A1] The invention relates to a feeder insert for use when casting metal in casting molds, comprising a mold body (6) and a feeding element (4) which delimit the feeder cavity (10) for receiving molten metal. The feeding element (4) has a through-opening (26) for the molten metal, and the mold body (6) can be moved in the longitudinal direction of the feeder relative to at least one sub-piece of the feeding element (4). The invention is characterized in that the feeding element (4) has a deformation region (22) which is designed to at least partly fold in during at least one first phase of a relative movement of the mold body (6) in the longitudinal direction of the feeder and in the direction of the feeding element (4).

IPC 8 full level

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

CPC (source: EP US)

B22C 9/088 (2013.01 - EP US); **B22C 21/14** (2013.01 - EP US); **B22C 23/00** (2013.01 - US)

Citation (search report)

See references of WO 2014124766A1

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)

WO 2014124766 A1 20140821; CN 104994973 A 20151021; CN 104994973 B 20170503; EP 2956256 A1 20151223; EP 2956256 B1 20180314; ES 2669183 T3 20180524; HU E036345 T2 20180730; PL 2956256 T3 20180831; SI 2956256 T1 20180831; TR 201806342 T4 20180621; US 2016030999 A1 20160204; US 9987676 B2 20180605

DOCDB simple family (application)

EP 2014050346 W 20140110; CN 201480008991 A 20140110; EP 14700282 A 20140110; ES 14700282 T 20140110; HU E14700282 A 20140110; PL 14700282 T 20140110; SI 201430755 T 20140110; TR 201806342 T 20140110; US 201414767522 A 20140110