

Title (en)

Feeder insert for a casting mold

Title (de)

Speisereinsatz für eine Giessform

Title (fr)

Insert pour masselotte pour une moule de coulage

Publication

EP 1775045 B1 20100303 (DE)

Application

EP 06020665 A 20060930

Priority

DE 102005049734 A 20051014

Abstract (en)

[origin: EP1775045A2] The insert (1) has a feeder body made up of an exothermic and/or insulating material and including an inner space defined by side walls and an upper region (15). A feeder opening is formed in the base region of the body as connection to mold cavity. A predetermined breaking point (16) is provided in the upper region of the insert for piercing through a mandrel (2). The point is formed by a recess (29) in the body such that the body has a reduced wall thickness in the region of the recess.

IPC 8 full level

B22C 9/08 (2006.01)

CPC (source: EP)

B22C 9/088 (2013.01)

Cited by

EP2659996A1; CN104271285A; WO2015000866A1; WO2013164596A1; US9737928B2; US9968993B2; US10022783B2; US10500634B2; US10286445B2; US10639706B2; WO2022180103A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1775045 A2 20070418; EP 1775045 A3 20080910; EP 1775045 B1 20100303; AT E459441 T1 20100315; DE 102005049734 A1 20070426; DE 502006006320 D1 20100415

DOCDB simple family (application)

EP 06020665 A 20060930; AT 06020665 T 20060930; DE 102005049734 A 20051014; DE 502006006320 T 20060930