

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 A3 20080910 (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)

Citation (search report)

- [XY] DE 19503456 C1 19951102 - DAIMLER BENZ AG [DE]
- [XY] EP 1184104 A1 20020306 - CHEMEX GMBH [DE]
- [E] EP 1728570 A1 20061206 - GTP SCHAEFER GIESSTECHNISCHE P [DE]
- [Y] US 4858673 A 19890822 - CAMPANA PATSIE C [US], et al
- [Y] DE 202005001318 U1 20050512 - GTP SCHAEFER GIESTECHNISCHE PR [DE]

Cited by

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

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

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