

Title (en)

Component of a casting system which can be permeated by molten metal

Title (de)

Von einer Metallschmelze durchströmbares Bauteil eines Gießsystems

Title (fr)

Composant d'un système de coulée pouvant s'écouler d'un métal en fusion

Publication

EP 2017022 A1 20090121 (DE)

Application

EP 08011982 A 20080703

Priority

DE 102007034426 A 20070720

Abstract (en)

A non-fired component of a casting system, through which molten metal passes, has a wall thickness of less than 9 mm and is formed from a material (A) which is at least partially destroyed at the temperature of the molten metal.

Abstract (de)

Die Erfindung betrifft ein von einer Metallschmelze durchströmbares Bauteil eines Gießsystems, das eine Wandstärke < 9mm aufweist und aus einem Werkstoff besteht, der in Kontakt mit der Metallschmelze zumindest teilweise zerstört wird.

IPC 8 full level

B22C 9/08 (2006.01); **B22D 35/04** (2006.01)

CPC (source: EP)

B22D 35/04 (2013.01)

Citation (search report)

- [X] WO 8910222 A1 19891102 - MUANYAGIPARI KUTATO INTEZET [HU], et al
- [X] GB 2171625 A 19860903 - MORGANITE CRUCIBLE LTD
- [X] US 4598757 A 19860708 - BAILEY FRANCIS V [US]
- [X] US 5205340 A 19930427 - BROWN ROBERT G [US], et al
- [X] US 3844337 A 19741029 - BESSETT C, et al
- [A] DE 3008251 B1 19810611 - MANNESMANN AG

Citation (examination)

EP 1488871 A1 20041222 - KAO CORP [JP]

Citation (third parties)

Third party :

EP 1488871 A1 20041222 - KAO CORP [JP]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

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