

Title (en)
Nozzle for die-casting apparatus

Title (de)
Düse für Druckgiessmaschine

Title (fr)
Buse pour machine de coulée sous pression

Publication
EP 1354650 A1 20031022 (EN)

Application
EP 02425245 A 20020419

Priority
EP 02425245 A 20020419

Abstract (en)
The invention relates to a nozzle (1) for die-casting apparatus, used to inject into a mould the molten metal coming from the hot chamber. <??>In particular, this nozzle is intended for high-temperature applications such as the die-casting of magnesium alloys; for this purpose, to heat efficiently the molten metal outflow channel, cavities are provided in the nozzle body (2) around the channel, in which heating resistances are housed. <??>
>Advantageously, the latter consist of a high-resistance filament immersed in zirconium powder contained in the cavities. <IMAGE>

IPC 1-7
B22D 17/20

IPC 8 full level
B22D 17/20 (2006.01)

CPC (source: EP)
B22D 17/2038 (2013.01)

Citation (search report)
• [X] US 3156959 A 19641117 - PAUL HILPMAN, et al
• [A] US 4635851 A 19870113 - ZECMAN KENNETH P [US]
• [AD] DE 4439872 A1 19960509 - FRIEDRICH DRUCKGIESTECH GMBH [DE]
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Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
EP 1354650 A1 20031022; EP 1354650 B1 20060301; AT E318667 T1 20060315; DE 60209462 D1 20060427; DE 60209462 T2 20061019; ES 2258137 T3 20060816

DOCDB simple family (application)
EP 02425245 A 20020419; AT 02425245 T 20020419; DE 60209462 T 20020419; ES 02425245 T 20020419