

Title (en)

Nozzle for die-casting apparatus

Title (de)

Düse für Druckgiessmaschine

Title (fr)

Buse pour machine de coulée sous pression

Publication

**EP 1354650 B1 20060301 (EN)**

Application

**EP 02425245 A 20020419**

Priority

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Abstract (en)

[origin: EP1354650A1] 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 8 full level

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