

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  
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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>

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IPC 8 full level  
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• [A] US 4635851 A 19870113 - ZECMAN KENNETH P [US]  
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