

Publication

**EP 0428697 A4 19940216**

Application

**EP 90909298 A 19900608**

Priority

US 36433289 A 19890609

Abstract (en)

[origin: WO9015468A1] An electromagnetic pump for use in low pressure permanent mold (LPPM) (11) casting of molten metals (14) such as magnesium, magnesium alloys and magnesium composites which provides separate control of idle setting and mold filling, including a 12-coil electromagnetic pump (12) attached to a 6-coil pump in the same housing, wherein the 12-coil operates from its own power supply and associated controls for mold filling and the 6-coil pump operated from a separate power supply and associated controls for keeping the molten metal heated and in an idle position below the point of mold injection. The pump requires no auxiliary cooling and can be used with a wide variety of casting machines and mold configurations.

IPC 1-7

**H02K 44/06**

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- No further relevant documents disclosed
- See references of WO 9015468A1

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