

Title (en)

DEVICE AND PROCESS FOR KEEPING MOLTEN METALS WARM

Publication

EP 0193948 B1 19900228 (DE)

Application

EP 86102919 A 19860305

Priority

DE 3507648 A 19850305

Abstract (en)

[origin: US4638980A] An apparatus (1) for storing and maintaining the temperature level of molten metals, such as a cast iron melt which has been treated with pure magnesium. The apparatus includes a heatable furnace chamber (3) having a pressure-tight cover (4) and an inlet and an outlet (2), which also may be provided with a cover (6). The inlet and outlet (2) is preferably formed as a common inlet and outlet siphon. The closed furnace chamber (3) is supplied with a medium such as argon or nitrogen under pressure. A cast iron melt which has been treated with particular additives can be maintained at a certain temperature over longer periods of time with a decaying effect.

IPC 1-7

C21C 1/10; **C22C 33/10**

IPC 8 full level

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