

Title (en)
PRESSURE TYPE AUTOMATIC POURING FURNACE FOR CASTING

Publication
EP 0252318 B1 19900606 (EN)

Application
EP 87108317 A 19870609

Priority
JP 13191886 A 19860609

Abstract (en)
[origin: EP0252318A1] A pressure type automatic pouring furnace is formed with a molten metal outlet (26,28,30,32) which has an inner end opening (28) at lower elevation than the general portion of the floor of a molten metal chamber (12). Preferably, the molten metal chamber (12) is communicated with a groove type induction heater section at a lower section thereof so that the molten metal in the chamber can be effectively heated. In addition, the bottom wall of the molten metal outlet (30) is to be declined for a given angle, e.g. 3 DEG with respect to the horizontal plane so as to prevent the molten metal from accumulating within the outlet (32).

IPC 1-7
B22D 18/04; **B22D 39/06**; **C21C 1/10**

IPC 8 full level
B22D 18/04 (2006.01); **B22D 39/06** (2006.01); **C21C 1/10** (2006.01)

CPC (source: EP)
B22D 18/04 (2013.01); **B22D 39/06** (2013.01); **C21C 1/10** (2013.01)

Cited by
ES2143341A1; EP1649952A4; GB2388564B; EP0916435A1; AT404328B; US5908066A; US7204954B2; US7396504B2; WO0198004A1; WO2024188635A1; WO2024188634A1

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