

Title (en)
Liquid metal dispensing oven

Title (de)
Flüssigmetallspendeofen

Title (fr)
Four de distribution de métal liquide

Publication
EP 2180281 A1 20100428 (EN)

Application
EP 08380305 A 20081027

Priority
EP 08380305 A 20081027

Abstract (en)
The dispensing oven has a tank (1) for storing liquid metal and projecting from its external surface with an ascending inclination is a dispensing tube (2) furnished with a discharge mouth (3) from which liquid metal is supplied directly to a mould or injection machine. In this way there is a reduction in the dispensing times to the injection machine and at the same time breakages of the dispensing tube are avoided, thereby reducing unwanted downtime. The dispensing tube enables reduction in heat loss, enabling an exact temperature to be maintained on casting and reduces oxidation.

IPC 8 full level
F27B 17/00 (2006.01); **B22D 39/06** (2006.01); **F27D 3/14** (2006.01)

CPC (source: EP)
B22D 39/06 (2013.01); **F27B 17/00** (2013.01); **F27D 3/14** (2013.01)

Citation (search report)

- [X] JP 2007313554 A 20071206 - TOSHIBA MACHINE CO LTD
- [X] EP 0682575 A1 19951122 - SEVA SOCIETE [FR]
- [X] US 3221379 A 19651207 - SHEARMAN WILBUR E

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

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