

Title (en)  
Device for filtering and treating molten metal

Title (de)  
Vorrichtung zum Filtern und Behandeln von flüssigen Metallen

Title (fr)  
Dispositif pour filtrer et traiter du métal en fusion

Publication  
**EP 0936007 B1 20030507 (FR)**

Application  
**EP 99400242 A 19990203**

Priority  
FR 9801634 A 19980211

Abstract (en)  
[origin: EP0936007A1] A device (1) for filtering and treating molten metal, comprising a series of filter plates (2, 3) maintained at a predetermined distance from each other by peripheral walls (5) to form a cavity (6) inside which is a plate (7) of material for treating the molten metal having a shape such that it leaves at least one uncovered region (9), is characterised in that the ratio between the number of free holes (4a) in a filter plate (2, 3) situated in the regions (9) not covered by the plate (7) of treatment material and the total number of holes (4a, 4) in the filter plate (2, 3) is 10-75 (20-65) ((35-50)) %. Utilisation of the device in a casting operation is also claimed.

IPC 1-7  
**B22D 1/00**; **C21C 1/10**; **B22C 9/08**

IPC 8 full level  
**B22C 9/08** (2006.01); **B22D 1/00** (2006.01); **C21C 1/10** (2006.01)

CPC (source: EP US)  
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