

Title (en)
Device for casting metals

Title (de)
Vorrichtung zum Giessen von Metallen

Title (fr)
Dispositif pour la coulée des métaux

Publication
EP 0711616 A3 19970507 (DE)

Application
EP 95116400 A 19951018

Priority
DE 4440768 A 19941115

Abstract (en)
[origin: EP0711616A2] Metals, partic. low m.pt. alloys, cast using an arrangement of a melting vessel (1) connected by a casting line (3) to a mould (4). A rising pipe (16) branches from the casting line within the melting vessel and is surrounded of at least part of its height by melt. The pipe has an overflow aperture (17) for adjusting the molten metal level which can be opened and closed via a valve (18). A check valve (14) in the casting line prevents metal flowing back into the vessel. Pref. an inert medium (20) is provided over the melt (2), the overflow aperture being below the level of the inert medium. Pref. inert medium is a liquid, partic. glycol, partic. a gas, partic. N.

IPC 1-7
B22D 17/30; **B22D 17/04**

IPC 8 full level
B22C 9/04 (2006.01); **B22D 17/02** (2006.01); **B22D 17/04** (2006.01); **B22D 17/30** (2006.01); **B22D 23/00** (2006.01); **B22D 25/06** (2006.01); **B22D 39/02** (2006.01)

CPC (source: EP US)
B22D 17/04 (2013.01 - EP US); **B22D 17/30** (2013.01 - EP US)

Citation (search report)

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- [A] US 5181551 A 19930126 - KIDD THOMAS F [US], et al
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