

Title (en)

Improved device for filling molten metal into pressing chambers in die-casting machines

Title (de)

Verbesserte Vorrichtung zum Einfüllen von Metallschmelze in die Formen von Druckgussmaschinen

Title (fr)

Dispositif amélioré de remplissage de métal fondu dans les moules de machines à couler sous pression

Publication

EP 2425913 A1 20120307 (EN)

Application

EP 11006894 A 20110824

Priority

IT MI20101606 A 20100906

Abstract (en)

An improved device (10) for filling molten metal into pressing chambers in die-casting machines, especially of the type that uses non-ferrous alloys such as aluminium and alloys thereof, stabilised relative to a die-casting machine (12) and to a mould (14) formed by two dies or half moulds (16, 18), a container cylinder (20) provided with a chamber (22) for feeding with liquid metal (24) collected from a smelting tank (23), an injecting piston (26) sliding axially within the same container cylinder, means for feeding and controlling the liquid metal inside said chamber.

IPC 8 full level

B22D 17/10 (2006.01); **B22D 17/14** (2006.01); **B22D 17/20** (2006.01); **B22D 17/30** (2006.01)

CPC (source: EP)

B22D 17/10 (2013.01); **B22D 17/14** (2013.01); **B22D 17/2023** (2013.01); **B22D 17/2053** (2013.01); **B22D 17/30** (2013.01)

Citation (search report)

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Citation (third parties)

Third party :

- DE 19850499 C1 20000413 - WIESER FRIEDRICH [DE]
- DE 102007060418 B4 20101111 - BAUMANN MARTIN [DE]

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