

Title (en)

Device for transporting a molten metal composition by high pressure and cooling the piston for a vertical pressure die casting machine.

Title (de)

Vorrichtung zum Transport einer metallischen Schmelzzusammensetzung mittels gekühlten Kolbens unter starkem Druck für eine vertikale Druckgiessmaschine.

Title (fr)

Dispositif de transfert à piston refroidi d'une composition métallique en fusion sur une presse verticale de moulage à forte pression.

Publication

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Application

EP 89401324 A 19890512

Priority

FR 8807020 A 19880526

Abstract (en)

The invention relates to a device for transporting a molten metal composition on a vertical pressure die-casting machine. This device consists of an upper module in which a mould (7) can be placed, and of a lower module comprising a feeding device and a cooled piston (4) which moves vertically to ensure the compression of the metal in the mould. The piston (4) has a preferred cooling zone (18) located at the periphery of its front wall (16), this piston being able to slide with a predetermined play inside the feeding device containing the metal to be compressed. <IMAGE>

IPC 1-7

B22D 17/20

IPC 8 full level

B22D 17/20 (2006.01)

CPC (source: EP)

B22D 17/203 (2013.01); **B22D 17/2038** (2013.01)

Citation (search report)

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