

Title (en)

DEVICE FOR TRANSPORTING A MOLTEN METAL COMPOSITION BY HIGH PRESSURE AND COOLING THE PISTON FOR A VERTICAL PRESSURE DIE CASTING MACHINE

Publication

EP 0344042 B1 19920226 (FR)

Application

EP 89401324 A 19890512

Priority

FR 8807020 A 19880526

Abstract (en)

[origin: EP0344042A1] 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

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CPC (source: EP)

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Cited by

FR2949694A1; US5758711A; US9962761B2; WO2011030025A1; US9954214B2; US10217987B2; US9748551B2; US10181595B2; US10283754B2; US11038156B2; US11283141B2; US11804640B2; US9917293B2; US9935306B2; US10910625B2; US11942664B2

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