

Title (en)

METHOD OF PREVENTING SOLIDIFICATION OF MOLTEN METAL IN THE OUTLET OF A CASTING VESSEL AND CASTING APPARATUS FOR MOLTEN METALS FOR CARRYING OUT THE METHOD

Publication

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Application

EP 82104015 A 19820508

Priority

CH 354681 A 19810601

Abstract (en)

[origin: ES8308735A1] For a slide closure 10 attached to a pouring vessel 2 which has a movable slide part 14 disposed between a bottom plate 12 and a discharge part 16, there is, in addition to a cylinder piston unit 24 acting on the slide part, which unit is dominant by way of a servocontrol block 26 by regulating arrangement 32, a vibrator 36 which is controlled by an oscillator 34. The vibrator 36 is switched into the connection between the cylinder-piston unit 24 and the movable slide part 14, and is in a position to oscillatingly drive the latter both in its closing position as well as in other positions and, indeed, in the same direction as the cylinder piston unit. A position generator 44 starts the oscillator 34 forcibly in the closed position.

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CPC (source: EP US)

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Citation (examination)

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US4694885A; US4896801A; EP0245580A3; GB2246533A; WO8902801A1; WO9110525A1

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