

Title (en)

PROCESS AND DEVICE FOR FILLING A CASTING TOOL WITH A METAL MELT

Title (de)

VERFAHREN UND VORRICHTUNG ZUM BEFÜLLEN EINES GIESSWERKZEUGS MIT EINER METALLSCHMELZE

Title (fr)

PROCEDE ET DISPOSITIF PERMETTANT DE REMPLIR UN OUTIL DE FONDERIE AVEC UN METAL EN FUSION

Publication

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Application

**EP 96934361 A 19960814**

Priority

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Abstract (en)

[origin: US6105658A] PCT No. PCT/DE96/01544 Sec. 371 Date Jun. 15, 1998 Sec. 102(e) Date Jun. 15, 1998 PCT Filed Aug. 14, 1996 PCT Pub. No. WO97/09137 PCT Pub. Date Mar. 13, 1997 In order to fill a casting mould with a molten metal, the latter is caused to flow into through an annular chamber into the shaped cavity of a casting mould, such annular chamber discharging over the entire external periphery of the shaped cavity into the latter. The inflow of molten metal into the annular chamber is interrupted by means of a piston, which, being borne inside the annular chamber, is capable of sliding therein. The molten metal can be caused to flow across a large flow cross-section, which shortens the filling time even with reduced flow velocity.

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