

Title (en)

METHOD AND APPARATUS FOR POURING MOLTEN MATERIAL

Title (de)

VERFAHREN UND VORRICHTUNG ZUM VERGIESSEN VON MATERIALSCHMELZEN

Title (fr)

PROCEDE ET DISPOSITIF DE COULEE DE MATIERE EN FUSION

Publication

EP 0844966 A4 19990414 (EN)

Application

EP 96927340 A 19960806

Priority

- US 9612862 W 19960806
- US 199095 P 19950807

Abstract (en)

[origin: WO9706060A1] A method and apparatus for pouring molten metal in a crucible (2) over a pouring lip and into an opening (24) in a mold (22). The crucible (2) and the mold (22) are inside a chamber under vacuum, and the crucible (2) is supported on a holder (12) which is rotatable about first and second, spaced-apart, parallel, horizontal axes (18, 20). The second axis (20) is located so that tilting of the crucible (2) about it causes the molten metal to flow over the pouring lip and into the mold opening (24) at a predetermined rate.

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B65B 1/04; B65B 3/04

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [X] DE 3532763 A1 19860327 - WOEHR GMBH UND CO KG GEB [DE]
- [A] DE 4229764 A1 19940310 - LEYBOLD DURFERRIT GMBH [DE]
- See references of WO 9706060A1

Cited by

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WO 9706060 A1 19970220; AT E233198 T1 20030315; CA 2229039 A1 19970220; DE 69626396 D1 20030403; DE 69626396 T2 20031030; EP 0844966 A1 19980603; EP 0844966 A4 19990414; EP 0844966 B1 20030226; JP 2001525765 A 20011211; JP 4393583 B2 20100106

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