

Title (en)
Tapping and pouring system for molten metals.

Title (de)
System zum Abgiessen vom Metallschmelze

Title (fr)
Système pour décharger et couler du métal en fusion

Publication
EP 1477253 A1 20041117 (EN)

Application
EP 03101083 A 20030418

Priority
EP 03101083 A 20030418

Abstract (en)
System (2) for tapping a high-temperature molten material, especially a molten metal, from a bath (8) and pouring it into a mould, comprising a mobile container (6) capable of moving with respect to an element (26) in such a way as, on the one hand, said container (6) may be plunged into the bath (8) to take some liquid and, on the other hand, lift the container (6) above a particular level for forcing the liquid to fall down with gravity through an aperture (10) along the wall. The system (2) does not imply high costs and allows to pour accurate volumes of molten material. <IMAGE>

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Citation (search report)

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- [A] GB 2323804 A 19981007 - RYOBI LTD [JP]
- [A] US 4174190 A 19791113 - CRAIG EDWIN R [US], et al
- [A] PATENT ABSTRACTS OF JAPAN vol. 1996, no. 09 30 September 1996 (1996-09-30)
- [A] PATENT ABSTRACTS OF JAPAN vol. 017, no. 275 (M - 1418) 27 May 1993 (1993-05-27)
- [A] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 26 1 July 2002 (2002-07-01)

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