

Title (en)

Method and apparatus for casting articles in sand moulds

Title (de)

Verfahren und Vorrichtung zum Giessen in Sandformen

Title (fr)

Procédé et dispositif pour coulée dans les moules en sable

Publication

EP 0951956 A1 19991027 (EN)

Application

EP 98107607 A 19980427

Priority

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Abstract (en)

In a method of casting articles in cavities (not shown) in a sand mould (1), using a supply unit (4) for introducing molten metal (not shown) into said cavities through a runner (2), the main novel feature is the use of a resilient sealing element, in the example shown a ring (8), preferably made of heat-insulating material, to provide a liquid-tight seal around the connection between a mouthpiece (3) on said unit (4) and said runner (2), when the unit (4) is moved into the filling position shown. The use of the sealing ring (8) makes it possible to avoid contamination of the mouthpiece (3) by sand from the mould, as well as solidification of molten metal on the mouthpiece, that would otherwise disturb the latter's correct co-operation with the next mould in succession to be filled. <IMAGE>

IPC 1-7

B22C 11/10; **B22C 19/00**

IPC 8 full level

B22C 11/10 (2006.01); **B22C 19/00** (2006.01)

CPC (source: EP)

B22C 11/10 (2013.01); **B22C 19/00** (2013.01)

Citation (search report)

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