

Title (en)

Process and device for feeding a sand mould with liquid metal using low pressure.

Title (de)

Verfahren und Vorrichtung zur Durchführung flüssigen Metalls in eine Sandgiessform mittels Niederdruck.

Title (fr)

Procédé d'alimentation en métal sous basse pression d'un moule en sable borgne, moule et installation de coulée correspondants.

Publication

EP 0463910 A1 19920102 (FR)

Application

EP 91401543 A 19910611

Priority

FR 9007862 A 19900622

Abstract (en)

The mould (4) comprises, at each stage, several impressions (31) fed via runners (32A 32B) connected to the casting pool (28) via at least one intermediate channel (30A, 30B). All the runners fed by one and the same intermediate channel emerge in the same impression. Application to the moulding of thin-wall castings having an elongated shape. <IMAGE>

Abstract (fr)

Le moule (4) comprend à chaque étage plusieurs empreintes (31) alimentées via des attaques (32A, 32B) reliées au puits de coulée (28) par au moins un canal intermédiaire (30A, 30B). Toutes les attaques alimentées par un même canal intermédiaire débouchent dans la même empreinte. Application au moulage de pièces de fonderie paroi mince ayant une forme allongée. <IMAGE>

IPC 1-7

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IPC 8 full level

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CPC (source: EP US)

B22C 9/08 (2013.01 - EP US); **B22C 9/20** (2013.01 - EP US); **B22D 18/04** (2013.01 - EP US)

Citation (search report)

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- [Y] US 3628598 A 19711221 - MACNEILL SAMUEL G, et al
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