

Title (en)

Process for limiting interactions between liquid metal and atmosphere.

Title (de)

Verfahren zum Vermeiden von Wechselwirkungen zwischen Metallbad und Atmosphäre.

Title (fr)

Procédé pour limiter les interactions entre le métal en fusion et l'atmosphère.

Publication

EP 0114376 A1 19840801 (DE)

Application

EP 83112961 A 19831222

Priority

LU 84578 A 19830110

Abstract (en)

To avoid interactions between the oxygen/nitrogen of the atmosphere and molten metal in a casting ladle (1) which is provided with a cover (2), a positive pressure is generated in the interior of the cover and gas is continuously extracted from around the cover (2) without reducing the positive pressure under the cover. <IMAGE>

Abstract (de)

Zur Vermeidung von Wechselwirkungen zwischen dem Sauerstoff/Stickstoff der Atmosphäre und einem Metallbad in einer Giesspfanne (1) welche mit einem Deckel (2) versehen ist, wird im Deckelinnern ein Überdruck erzeugt und um den Deckel (2) herum kontinuierlich Gas abgesaugt ohne den Überdruck unter dem Deckel abzubauen.

IPC 1-7

C21C 7/00; **C21C 7/064**; **C21C 7/068**; **C21C 1/02**

IPC 8 full level

C21C 1/02 (2006.01); **C21C 7/00** (2006.01); **C21C 7/064** (2006.01); **C21C 7/068** (2006.01)

CPC (source: EP)

C21C 1/02 (2013.01); **C21C 7/0081** (2013.01); **C21C 7/064** (2013.01); **C21C 7/0685** (2013.01)

Citation (search report)

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DOCDB simple family (application)

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