

Title (en)

Process for insert moulding a metallic insert

Title (de)

Verfahren zum Eingiessen eines metallischen Halbzeugs

Title (fr)

Procédé de surmoulage d'un insert métallique

Publication

**EP 1308227 B1 20061213 (DE)**

Application

**EP 02022836 A 20021012**

Priority

DE 10153305 A 20011031

Abstract (en)

[origin: EP1308227A1] The surface of a semi-finished product (5) including a hyper eutectic aluminum alloy, is roughened by a high-pressure water blasting. The roughened product is positioned in a mold and is surrounded with a casting metal. A firm bond is formed between the product (5) and the solidified casting metal.

IPC 8 full level

**B22D 19/00** (2006.01); **B23P 17/00** (2006.01)

CPC (source: EP US)

**B22D 19/00** (2013.01 - EP US); **B22D 19/0081** (2013.01 - EP US)

Cited by

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Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

**EP 1308227 A1 20030507**; **EP 1308227 B1 20061213**; DE 10153305 A1 20030528; DE 50208942 D1 20070125; JP 2003181619 A 20030702; US 2003079852 A1 20030501; US 6739377 B2 20040525

DOCDB simple family (application)

**EP 02022836 A 20021012**; DE 10153305 A 20011031; DE 50208942 T 20021012; JP 2002318304 A 20021031; US 28512302 A 20021031