

Title (en)

PROCESS FOR THE PRODUCTION OF CAVITIES ON CASTING METALS

Title (de)

VERFAHREN ZUR HERSTELLUNG VON HOHLRÄUMEN BEIM METALLGIESSEN

Title (fr)

PROCEDE POUR LA PRODUCTION D'ESPACES CREUX PAR COULEE DE METAL

Publication

EP 1328361 A1 20030723 (DE)

Application

EP 01986627 A 20011005

Priority

- DE 10050190 A 20001009
- EP 0111508 W 20011005

Abstract (en)

[origin: DE10050190A1] The CaSi fibers forming the core body are held together by a soluble inorganic binder and Al oxide is admixed to the core fibers. Specific use is for engine piston chambers, typically to serve as cooling channels. The core is easily flushed out after casting.

IPC 1-7

B22C 1/00; **B22C 9/10**

IPC 8 full level

B22C 1/00 (2006.01); **B22C 1/18** (2006.01); **B22C 9/10** (2006.01)

CPC (source: EP US)

B22C 1/00 (2013.01 - EP US); **B22C 1/18** (2013.01 - EP US); **B22C 9/10** (2013.01 - EP US)

Citation (search report)

See references of WO 0230593A1

Designated contracting state (EPC)

DE IT

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