

Title (en)

Sintered support for core for cast iron cylinder case

Title (de)

Gesinterte Kernstütze für Gußeisenzylindergehäuse

Title (fr)

Etancon fritte pour carter cylindre en fonte

Publication

EP 1716943 B1 20100818 (FR)

Application

EP 06300404 A 20060425

Priority

FR 0504430 A 20050429

Abstract (en)

[origin: EP1716943A1] The fabrication, by moulding in a sand mould, of an iron component incorporating at least one thin chamber uses a mould including an internal core destined to constitute the thin chamber (3) of the component. This core incorporates mould consolidating props (4) that remain buried in the iron of the component after moulding. The consolidating props are made of a sintered ferrous material. An independent claim is also included for an internal combustion engine cylinder block.

IPC 8 full level

B22D 19/00 (2006.01); **B22C 21/14** (2006.01); **F02F 7/00** (2006.01)

CPC (source: EP)

B22C 21/14 (2013.01); **B22D 19/0009** (2013.01); **F02F 7/0007** (2013.01)

Cited by

DE102012110592A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1716943 A1 20061102; **EP 1716943 B1 20100818**; AT E477869 T1 20100915; DE 602006016192 D1 20100930; FR 2885061 A1 20061103; FR 2885061 B1 20070727

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