

Title (en)
REFRACTORY COMPONENT AND METHOD FOR PRODUCING THE SAME

Publication
EP 0212469 A3 19870819 (DE)

Application
EP 86110921 A 19860807

Priority
DE 3530924 A 19850829

Abstract (en)
[origin: EP0212469A2] 1. A refractory component comprising a casting (10) and an insert part (20) which is at least partially surrounded by the base material of the casting by casting-in and which comprises a fine pore, refractory material, particularly a ceramic material or a cermet, characterised in that the insert part (20) is formed physically by intentionally arranged flow paths, in such a way that unhindered flowing-off of the gases releases from the insert part during the casting-in process is rendered possible, and that means are provided which prevent the molten base material from entering the flow paths.

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IPC 8 full level
B22D 15/02 (2006.01); **B22D 19/00** (2006.01); **B22D 19/08** (2006.01); **B22D 19/14** (2006.01); **F02F 3/02** (2006.01); **F02F 3/04** (2006.01); **F02F 3/12** (2006.01); **F02F 7/00** (2006.01)

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B22D 19/00 (2013.01); **B22D 19/14** (2013.01); **F02F 3/12** (2013.01); **F02F 7/0087** (2013.01); **F05C 2201/021** (2013.01); **F05C 2253/16** (2013.01)

Citation (search report)
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• [A] US 4404262 A 19830913 - WATMOUGH THOMAS [US]
• [APD] DE 3420571 C1 19860109 - ALCAN ALUMINIUMWERKE
• [AD] US 4245611 A 19810120 - MITCHELL HARRY R, et al
• [A] PATENT ABSTRACTS OF JAPAN, Band 9, Nr. 100 (M-376)[1823], 2. Mai 1985; & JP - A - 59 225 871 (ISUZU JIDOSHA) 18.12.1984

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EP 0212469 A2 19870304; **EP 0212469 A3 19870819**; **EP 0212469 B1 19900207**; CA 1307645 C 19920922; DE 3530924 A1 19870312; DE 3530924 C2 19880414; DE 3668948 D1 19900315; ES 2001277 A6 19880501; JP H07102443 B2 19951108; JP S6297758 A 19870507

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