

Title (en)

Method of producing cylinder heads with flame plates for internal combustion engines.

Title (de)

Verfahren zur Herstellung von Zylinderköpfen mit Flammplatten für Brennkraftmaschinen.

Title (fr)

Procédé pour produire des culasses de cylindre avec plaques de flamme pour des moteurs à combustion interne.

Publication

EP 0392988 B1 19950816 (EN)

Application

EP 90830137 A 19900403

Priority

IT 6727489 A 19890413

Abstract (en)

[origin: EP0392988A1] An insert (4) reinforced with ceramic particles or fibres is inserted in the so-called bridge region of the flame plate. The insert (4) is fixed by being positioned in the casting mould and the material forming the head (1) is then cast at a temperature such as to cause the surface fusion of the insert (4) and the consequent establishment of metallurgical adhesion between the insert (4) and the material forming the head.

IPC 1-7

F02F 1/38; **F02F 7/00**

IPC 8 full level

F02F 1/38 (2006.01); **F02F 7/00** (2006.01); **F02F 1/24** (2006.01)

CPC (source: EP)

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Citation (examination)

- GB 2156478 A 19851009 - DANA CORP
- GB 892770 A 19620328 - HEPWORTH & GRANDAGE LTD

Cited by

WO2017082846A1; WO03006811A1

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