

Title (en)
Tube-shaped ceramic body.

Title (de)
Rohrförmig ausgebildeter Keramikkörper.

Title (fr)
Corps céramique en forme de tuyau.

Publication
EP 0279904 A2 19880831 (DE)

Application
EP 87114707 A 19871008

Priority
DE 3706208 A 19870226

Abstract (en)
[origin: US4840154A] A tubular ceramic body for gas passages in a cylinder head of an internal combustion engine comprises a tubular piece having an opening, two separate tubular portions each having an end side and provided with an opening at the end side, the tubular portions merging into the tubular piece in a transition region, and a connection provided between the tubular portions at least in the transition region of the tubular portions into the tubular piece, the ceramic body being formed as a one-piece member produced in a single sintering process from a single material, and the connection of the tubular portions being formed by a common wall.

Abstract (de)
Ein rohrförmig ausgebildeter Keramikkörper (1) für gasführende Kanäle im Zylinderkopf eines Verbrennungsmotors weist zwei getrennt verlaufende Rohrabchnitte (2,3) auf, die in ein einziges Rohrstück (4) übergehen, wobei der Keramikkörper (1) einstückig ausgebildet und durch Formen in einem einzigen Sinterprozeß aus einheitlichem Werkstoff hergestellt ist und die Rohrabchnitte (2,3) durch eine gemeinsame Wandung (6) miteinander verbunden sind.

IPC 1-7
F02B 77/02; **F02F 1/42**; **F02F 7/00**

IPC 8 full level
F02F 1/24 (2006.01); **F02B 77/02** (2006.01); **F02F 1/42** (2006.01); **F02F 7/00** (2006.01)

CPC (source: EP US)
F02F 7/0087 (2013.01 - EP US)

Cited by
US5260116A; GB2231921B; DE102007026123A1; DE102007026123B4; GB2269633A; GB2269633B; EP0437302A3; EP0285312A3; US5055435A

Designated contracting state (EPC)
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US 15313288 A 19880208; AT 87114707 T 19871008; DE 3706208 A 19870226; DE 3775545 T 19871008; EP 87114707 A 19871008; ES 87114707 T 19871008; JP 28441787 A 19871112