

Title (en)

Temperature sensor for an internal combustion engine

Title (de)

Temperaturerfassungseinrichtung für eine Brennkraftmaschine

Title (fr)

Dispositif de détection de température pour un moteur à combustion interne

Publication

EP 1260686 A3 20041201 (DE)

Application

EP 02007544 A 20020403

Priority

DE 10124852 A 20010522

Abstract (en)

[origin: EP1260686A2] The device has a bearer structure (4), two sensor elements (2,3) accommodated on the structure, a device for feeding at least a sub-flow (V1') of an engine induction flow (V1) to the first sensor element and a device for feeding at least a sub-flow (V2') of an air flow (V2) passing through an engine radiator to the second sensor element. The bearer structure is arranged in a region in which the two air flows run adjacent to each other.

IPC 1-7

F01P 11/14; F02B 77/08

IPC 8 full level

F01P 11/16 (2006.01); **F01P 5/02** (2006.01); **F02D 41/22** (2006.01)

CPC (source: EP US)

F01P 11/16 (2013.01 - EP US); **F01P 5/02** (2013.01 - EP US); **F01P 2025/08** (2013.01 - EP US); **F01P 2025/13** (2013.01 - EP US); **F01P 2025/50** (2013.01 - EP US); **F02D 41/222** (2013.01 - EP US); **F02D 2200/0414** (2013.01 - EP US)

Citation (search report)

- [A] US 5002019 A 19910326 - KLAUCKE THOMAS [DE], et al
- [A] GB 2160683 A 19851224 - GILARDINI SPA
- [A] US 6016965 A 20000125 - YOSHIMURA SATOSHI [JP], et al
- [A] US 4074566 A 19780221 - OBAYASHI HIDEKI, et al
- [A] US 3968689 A 19760713 - LESHNER ERVIN

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

EP 1260686 A2 20021127; **EP 1260686 A3 20041201**; **EP 1260686 B1 20080813**; DE 10124852 A1 20021205; DE 50212624 D1 20080925; US 2002177937 A1 20021128; US 6644850 B2 20031111

DOCDB simple family (application)

EP 02007544 A 20020403; DE 10124852 A 20010522; DE 50212624 T 20020403; US 15102402 A 20020521