

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 B1 20080813 (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 8 full level

**F01P 11/14** (2006.01); **F01P 11/16** (2006.01); **F02B 77/08** (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 (examination)

- US 4085613 A 19780425 - RICHARD JOSEPH D
- GB 2294762 A 19960508 - BRITISH GAS PLC [GB]

Designated contracting state (EPC)

DE FR GB

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