

Title (en)

Cylinder head for a fluid-cooled combustion engine

Title (de)

Zylinderkopf für eine flüssigkeitsgekühlte Brennkraftmaschine

Title (fr)

Tête de cylindre pour un moteur à combustion interne refroidi par liquide

Publication

**EP 1972772 A3 20140409 (DE)**

Application

**EP 08002503 A 20080212**

Priority

DE 102007012907 A 20070319

Abstract (en)

[origin: EP1972772A2] The head has two gas exchange outlet ports (2, 2') arranged in an outlet port of the head, and gas exchange inlet ports (4, 4') arranged at an inlet side (3) of the head. The inlet ports are arranged along a cylinder head longitudinal axis (LA), and an ignition and/or fuel injecting device is arranged between the ports (2, 2', 4, 4'). A coolant channel (5) extends between the outlet ports in direction of the device. The channel extends up to the channel height and is bent from the inlet side between the outlet ports based on coolant cylinder ports (6, 6').

IPC 8 full level

**F02F 1/40** (2006.01)

CPC (source: EP)

**F02F 1/40** (2013.01)

Citation (search report)

- [A] GB 2175046 A 19861119 - AUDI AG
- [A] WO 2005042955 A2 20050512 - AVL LIST GMBH [AT], et al
- [A] JP S63259143 A 19881026 - HONDA MOTOR CO LTD
- [ED] DE 102006036422 A1 20080221 - BAYERISCHE MOTOREN WERKE AG [DE]

Cited by

DE102017109185A1; JP2015520331A; EP2861857A4; US8869758B1; WO2018197228A1; US11078865B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

**EP 1972772 A2 20080924; EP 1972772 A3 20140409; EP 1972772 B1 20171227**; DE 102007012907 A1 20080925

DOCDB simple family (application)

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