

Title (en)

ADDITIONAL HEATING DEVICE FOR A MOTOR VEHICLE

Title (de)

ZUSÄTZLICHE ERHITZUNGSVORRICHTUNG FÜR EIN KRAFTFAHRZEUG

Title (fr)

DISPOSITIF DE CHAUFFAGE ADDITIONNEL D'UN VEHICULE AUTOMOBILE

Publication

EP 1893430 A2 20080305 (FR)

Application

EP 06794446 A 20060519

Priority

- FR 2006050463 W 20060519
- FR 0505858 A 20050609

Abstract (en)

[origin: FR2886887A1] The device has an exchanger (1) for cooling exhaust gas which is cooled by engine coolant (2). The exchanger is connected in parallel with a coolant circuit which is connected to a unit heater. An exhaust gas recycling circuit has a valve (4) to control the flow of recycled exhaust gas to an engine intake (3). The circuit has a bypass (7) for directing the exhaust gases towards an exhaust manifold (6) of the engine, where the bypass has a valve (8) to control the exhaust gas returning to the manifold, and the valves (4, 8) are controlled by a controller (5).

IPC 8 full level

B60H 1/02 (2006.01)

CPC (source: EP US)

B60H 1/025 (2013.01 - EP US)

Citation (search report)

See references of WO 2007000541A2

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FR 2886887 A1 20061215; FR 2886887 B1 20070914; EP 1893430 A2 20080305; JP 2008542627 A 20081127; US 2009194602 A1 20090806; WO 2007000541 A2 20070104; WO 2007000541 A3 20070412

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