

Title (en)

MOTOR VEHICLE COOLING DEVICE WITH A COOLING CHANNEL FOR A COOLANT

Title (de)

KÜHLVORRICHTUNG FÜR EIN KRAFTFAHRZEUG MIT EINEM KÜHLKANAL FÜR EIN KÜHLMEDIUM

Title (fr)

DISPOSITIF DE REFROIDISSEMENT DESTINE A UN VEHICULE AUTOMOBILE ET COMPRENANT UN CONDUIT DE REFROIDISSEMENT POUR UN MILIEU REFRIGERANT

Publication

**EP 1494885 A1 20050112 (DE)**

Application

**EP 03753292 A 20030911**

Priority

- DE 0303017 W 20030911
- DE 10246349 A 20021004

Abstract (en)

[origin: WO2004033241A1] Electronic components (1) are arranged on the outside of the cooling channel (3).

IPC 1-7

**B60K 11/02**

IPC 8 full level

**F04D 13/06** (2006.01); **F04D 29/58** (2006.01)

CPC (source: EP)

**F04D 13/0606** (2013.01); **F04D 13/0686** (2013.01); **F04D 29/588** (2013.01)

Citation (search report)

See references of WO 2004033241A1

Designated contracting state (EPC)

DE FR

DOCDB simple family (publication)

**WO 2004033241 A1 20040422**; DE 10246349 A1 20040429; EP 1494885 A1 20050112; JP 2006505436 A 20060216

DOCDB simple family (application)

**DE 0303017 W 20030911**; DE 10246349 A 20021004; EP 03753292 A 20030911; JP 2004542169 A 20030911