

Title (en)
Fan drive

Title (de)
Ventilatorantrieb

Title (fr)
Entraînement de ventilateur

Publication
EP 1146209 A3 20030305 (DE)

Application
EP 01106768 A 20010317

Priority
DE 10018090 A 20000412

Abstract (en)
[origin: EP1146209A2] The ventilator drive is supported in the centre (3) of a rear wall of a box-shaped cooling unit (1) having a ventilator and several coolers. The ventilator drive has a driven pulley (9), which is connected to a pulley (10) of the vehicle engine by a V-belt (11). The rear wall has support bars (12-14), which meet in the centre. A support (15) outside the centre is connected to the rear wall, at the rotation point (16) of a clamp lever (17) that supports a clamp roller (18). The pulleys and the clamp roller are arranged in front of or in the plane containing the rear edge of the coolers or the rearmost cooler.

IPC 1-7
F01P 5/04; **F28F 9/00**

IPC 8 full level
F01P 5/04 (2006.01); **F28D 1/04** (2006.01); **F01P 3/18** (2006.01)

CPC (source: EP US)
F01P 5/04 (2013.01 - EP US); **F28D 1/0426** (2013.01 - EP US); **F01P 2003/182** (2013.01 - EP US)

Citation (search report)

- [DA] WO 9845600 A1 19981015 - LAENGERER & REICH GMBH & CO [DE], et al
- [DA] DE 4039815 C1 19920527
- [DA] EP 0020005 A1 19801210 - PT COMPONENTS INC [US]
- [DA] DE 4117336 A1 19921203 - BEHR GMBH & CO [DE], et al

Cited by
CN111854466A; CN112676647A

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 1146209 A2 20011017; **EP 1146209 A3 20030305**; **EP 1146209 B1 20060906**; AT E338883 T1 20060915; DE 10018090 A1 20011129; DE 50110913 D1 20061019; US 2001035282 A1 20011101; US 6585035 B2 20030701

DOCDB simple family (application)
EP 01106768 A 20010317; AT 01106768 T 20010317; DE 10018090 A 20000412; DE 50110913 T 20010317; US 83377301 A 20010412