

Title (en)
HEATING-AIR CONDITIONING INSTALLATION FOR VEHICLES

Title (de)
HEIZUNGS- UND KLIMAANLAGE FÜR FAHRZEUGE

Title (fr)
INSTALLATION DE CHAUFFAGE-CLIMATISATION POUR VEHICULES

Publication
EP 1242259 A1 20020925 (FR)

Application
EP 01982530 A 20011019

Priority

- DE 10052136 A 20001020
- FR 0103266 W 20011019

Abstract (en)
[origin: WO0232705A1] The invention concerns a heating-air conditioning installation for a vehicle, comprising an evaporator (10) and a heating element (12, 14), a fan and various air outlet channels (2, 4, 6), at least means controlling the air stream (20) being placed beside the evaporator (10), according to fluid mechanics. In different positions of the air stream control means, part of the heating-air conditioning installation can be traversed by air in different directions, so that a bypass channel relative to the evaporator may be produced without requiring additional structural volume.

IPC 1-7
B60H 1/00

IPC 8 full level
B60H 1/00 (2006.01)

CPC (source: EP US)
B60H 1/0005 (2013.01 - EP US); **B60H 1/00564** (2013.01 - EP US); **B60H 1/00685** (2013.01 - EP US); **B60H 2001/00107** (2013.01 - EP); **B60H 2001/00128** (2013.01 - EP US); **B60H 2001/00164** (2013.01 - EP US); **B60H 2001/2287** (2013.01 - EP US)

Citation (search report)
See references of WO 0232705A1

Designated contracting state (EPC)
AT BE CH ES FR IT LI

DOCDB simple family (publication)
WO 0232705 A1 20020425; DE 10052136 A1 20020502; EP 1242259 A1 20020925; JP 2004511386 A 20040415; US 2003094261 A1 20030522; US 2006108094 A1 20060525

DOCDB simple family (application)
FR 0103266 W 20011019; DE 10052136 A 20001020; EP 01982530 A 20011019; JP 2002535911 A 20011019; US 19364705 A 20050729; US 25884302 A 20021029