

Title (en)

Electric heater for the heating of air, in particular for a motor vehicle

Title (de)

Elektrische Heizvorrichtung, insbesondere für ein Kraftfahrzeug

Title (fr)

Dispositif de chauffage électrique pour chauffer l'air, en particulier pour véhicule à moteur

Publication

**EP 1522440 B1 20081217 (DE)**

Application

**EP 03292526 A 20031010**

Priority

EP 03292526 A 20031010

Abstract (en)

[origin: EP1522440A1] Heat transfer device comprises at least one first component connected to an electric current source, at least one second component having at least one first (7) and at least one second partial unit electrically connected to the first component, and at least one electrical connecting unit (30) electrically connected by a first connecting device (32) to the bracket of a partial unit. The connecting unit has at least one second connecting device (33) with a receiving device for a second bracket (24). The receiving device has a flat section (36) and, when assembled, the receiving device and the second bracket engage with each other so that a force-locking connection is produced between the receiving device and the second bracket by at least one clamping device (35a, 35b) and an electrical contact is created at least between the flat section of the receiving device and a flat section of the second bracket. An independent claim is also included for the production of the above device.

IPC 8 full level

**B60H 1/22** (2006.01); **F24H 3/04** (2006.01); **H01R 13/11** (2006.01); **H01R 13/115** (2006.01); **H05B 3/06** (2006.01); **H05B 3/16** (2006.01); **H01R 13/20** (2006.01)

CPC (source: EP US)

**F24H 3/0405** (2013.01 - EP US); **F24H 3/0429** (2013.01 - EP US); **F24H 3/0435** (2013.01 - EP US); **F24H 3/0447** (2013.01 - EP US); **F24H 9/1872** (2013.01 - EP US); **H01R 13/113** (2013.01 - EP US); **H05B 3/06** (2013.01 - EP US); **H05B 3/16** (2013.01 - EP US); **H01R 13/20** (2013.01 - EP US)

Citation (examination)

EP 1502784 A1 20050202 - BEHR FRANCE SARL [FR], et al

Cited by

CN104577410A; FR3083951A1; EP2933577A1; US9750086B2; EP2275753A1; KR101158519B1; EP3088816A1; EP2933577B1; EP2275753B1

Designated contracting state (EPC)

CZ DE ES FR GB IT

DOCDB simple family (publication)

**EP 1522440 A1 20050413**; **EP 1522440 B1 20081217**; DE 50310934 D1 20090129; US 2005103469 A1 20050519; US 7394044 B2 20080701

DOCDB simple family (application)

**EP 03292526 A 20031010**; DE 50310934 T 20031010; US 96328204 A 20041012