

Title (en)

Electric heater, especially for a vehicle

Title (de)

Elektrische Heizvorrichtung, insbesondere für ein Kraftfahrzeug

Title (fr)

Dispositif de chauffage électrique, spécialement pour une voiture

Publication

EP 1353131 A3 20040102 (DE)

Application

EP 03008282 A 20030409

Priority

DE 10216010 A 20020411

Abstract (en)

[origin: EP1353131A2] The electric heater (1) has at least one heating device (3) and at least one power device (5) in contact with the heating device(s) via at least one first and second contact arrangement (6,7) of a contact device (8). The contact device is designed so that a permanent connection can be made between the first and second contact arrangements. The connection can be made at the contact device in a shape -locking and/or rigid manner.

IPC 1-7

F24H 3/04; **F24H 9/18**

IPC 8 full level

F24H 3/04 (2006.01); **F24H 9/18** (2006.01)

CPC (source: EP)

F24H 3/0405 (2013.01); **F24H 3/0429** (2013.01); **F24H 3/0435** (2013.01); **F24H 3/0447** (2013.01); **F24H 9/1863** (2013.01); **F24H 9/1872** (2013.01)

Citation (search report)

- [XP] EP 1253032 A2 20021030 - BEHR FRANCE SARL [FR]
- [AD] EP 0901311 A2 19990310 - BEHR GMBH & CO [DE], et al
- [A] DE 3134278 C1 19830310 - TELEFONBAU & NORMALZEIT GMBH
- [A] US 5562844 A 19961008 - BOHLENDER FRANZ [DE], et al

Cited by

DE102011089539B3; EP2109346A1; FR2895204A1; EP1802176A1; EP1652703A1; JP2007168773A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1353131 A2 20031015; **EP 1353131 A3 20040102**; **EP 1353131 B1 20100908**; **EP 1353131 B2 20140528**; DE 10216010 A1 20031023; DE 50313059 D1 20101021

DOCDB simple family (application)

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