

Title (en)

Electric heater,esp. for a vehicle

Title (de)

Elektrische Heizeinrichtung, insbesondere für ein Kraftfahrzeug

Title (fr)

Réchauffeur électrique, spécialement pour une voiture

Publication

**EP 1457743 B1 20131225 (DE)**

Application

**EP 03290621 A 20030312**

Priority

EP 03290621 A 20030312

Abstract (en)

[origin: EP1457743A1] The vehicle heater has PTC elements set in a heating block with sinusoidal ribs for heat exchange and has elongated parallel- sided aluminum contact strips with one narrow end (13) covered with tin (15). There is a small round hole (14) in the narrow tinned end of the strip. There are transversely-extending slits in the ends of the parallel- sided contact strips.

IPC 8 full level

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

CPC (source: EP)

**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); **F24H 3/0405** (2013.01)

Cited by

CN103388891A; EP3124889A1; WO2017021107A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 1457743 A1 20040915; EP 1457743 B1 20131225**

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