

Title (en)
ELECTRIC HEATER

Title (de)
ELEKTRISCHER HEIZOFEN

Title (fr)
CHAUFFAGE ÉLECTRIQUE

Publication
EP 3296660 A1 20180321 (EN)

Application
EP 16189040 A 20160915

Priority
EP 16189040 A 20160915

Abstract (en)
The invention relates to an electric heater (1, 101), in particular for a heating or an air-conditioning system of a motor vehicle, with a heater core (3, 103) comprising a plurality of electric heating elements (7, 107) with contact sheets (8, 16, 17, 108, 116) and with a plurality of radiator elements (9, 21, 24, 109, 121, 124), wherein the heater core (3, 103) comprises a first long lateral side (14, 114) and a second long lateral side (15, 115) opposite the first long lateral side (14, 114), wherein the electric heating elements (7, 107) and the radiator elements (9, 21, 24, 109, 121, 124) are arranged parallel to each other and are arranged parallel to the first long lateral side (14, 114) and the second long lateral side (15, 115) of the heater core (3, 103), wherein the heater core (3, 103) comprises a first strip of plastic material which is arranged at the first long lateral side (14, 114) of the heater core (3, 103) and/or a second strip (128) of plastic material which is arranged at the second long lateral side (15, 115) of the heater core (3, 103).

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F24H 3/04 (2006.01); **B60H 1/22** (2006.01)

CPC (source: EP)
F24H 3/0429 (2013.01); **F24H 3/0476** (2013.01)

Citation (applicant)
• EP 2017103 A1 20090121 - CATEM GMBH & CO KG [DE]
• DE 4434613 A1 19960404 - BEHR GMBH & CO [DE]

Citation (search report)
• [X] DE 10229547 A1 20040115 - ATT AUTOMOTIVE THERMO TECH GMB [DE]
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• [I] EP 2730854 A1 20140514 - BETACERA INC [TW]

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Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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