

Title (en)
HEAT EXCHANGER FOR A MOBILE HEATING DEVICE IN A MOTOR VEHICLE

Title (de)
WÄRMEÜBERTRAGER FÜR EINE MOBILE HEIZEINRICHTUNG EINES KRAFTFAHRZEUGES

Title (fr)
ÉCHANGEUR THERMIQUE POUR UN DISPOSITIF DE CHAUFFAGE MOBILE D'UN VÉHICULE À MOTEUR

Publication
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Application
EP 10803345 A 20101123

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Abstract (en)
[origin: WO2011063792A1] The invention relates to a heat exchanger (100) for a mobile heating device, which has a burner, comprising a support body (12) having an interior (14) and an exterior (15). The interior (14) of the support body (12) is designed as an internal exhaust gas guide for conducting exhaust gas of the burner. Furthermore, a guide designed to conduct a heat-transfer medium is arranged between the interior (14) and the exterior (15) of the support body (12). The heat-transfer medium is in heat-transferring contact with exhaust gas in the internal exhaust gas guide by means of the interior (14). An external exhaust gas guide (102) for conducting exhaust gas of the burner is provided on the exterior (15) of the support body (12). The heat-transfer medium is in heat-transferring contact with exhaust gas flowing in the external exhaust gas guide (102) by means of the exterior (15) of the support body (12). The present invention further relates to a mobile heating device having a burner and such a heat exchanger (100) and to a motor vehicle having such a heating device.

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Citation (search report)
See references of WO 2011063792A1

Citation (examination)
• US 3557772 A 19710126 - KOFINK SIEGFRIED
• DE 10144173 A1 20030327 - WEBASTO THERMOSYSTEME GMBH [DE]

Cited by
US10106279B2

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