

Title (en)
Car interior compartment heater

Title (de)
Heizer zum Heizen des Innenraums eines Wagens

Title (fr)
Chauffage du compartiment intérieur de voiture

Publication
EP 2730854 B1 20150603 (EN)

Application
EP 12007656 A 20121112

Priority
EP 12007656 A 20121112

Abstract (en)
[origin: EP2730854A1] A heater used in car interior compartment includes a framework (10) and a heating module (20). The framework (10) includes a first base (11) and a second base (12) arranged in interval with the first base (11). The heating module (20) is provided between the first base (11) and the second base (12). The heating module (20) includes a PTC heating component (21), a thermal conduction glue (22), a pair of electrode plate (23), a insulation thermal conduction glue (24), and a pair of thermal diffusion body (25). The electrode plate (23) is stuck to both sides of the PTC heating component (21) by the thermal conduction glue (22). Each thermal diffusion body (25) connects each electrode plate (23) in a insulation way by the insulation thermal conduction glue (24), and the heat generating and the anti electricity leakage effect of the heater can be improved.

IPC 8 full level
F24H 3/04 (2006.01); **H05B 3/24** (2006.01)

CPC (source: EP)
F24H 3/0405 (2013.01); **F24H 3/0429** (2013.01); **F24H 3/0435** (2013.01); **F24H 3/0441** (2013.01); **F24H 3/047** (2013.01); **F24H 3/0476** (2013.01); **H05B 3/24** (2013.01); **H05B 2203/02** (2013.01); **H05B 2203/023** (2013.01)

Cited by
FR3101510A1; CN104390327A; FR3050692A1; FR3032390A1; EP3296660A1; US2017055316A1; US10182470B2; EP3073801A1; FR3056456A1; EP3543050A1; EP3543049A1; EP3569949A1; WO2016128421A1; WO2018060620A1; DE102017223779A1; WO2021224109A1

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