

Title (en)

Electric heater for automobile ventilation system

Title (de)

Elektrische Heizvorrichtung für Kraftfahrzeugventilationsanordnung

Title (fr)

Dispositif de chauffage électrique pour système de ventilation d'automobile

Publication

EP 1574791 B1 20060927 (EN)

Application

EP 04425157 A 20040309

Priority

EP 04425157 A 20040309

Abstract (en)

[origin: EP1574791A1] A number of stacked, elongated radiators (10, 12, 14, 16, 18, 20), fretted with a comb profile, are in thermal and electrical contact with PTC pellets (36) clamped between adjacent radiators. One or more stiff steel slats (40, 42) are interposed between at least adjacent radiators, and the facing surfaces of the latter have complementary ridges (24) and recesses (26, 28), such as longer and shorter comb fins, which deform elastically the steel slat. <IMAGE>

IPC 8 full level

F24H 9/18 (2006.01); **F24H 3/04** (2006.01); **H05B 3/14** (2006.01); **H05B 3/50** (2006.01)

CPC (source: EP)

F24H 3/0405 (2013.01); **F24H 3/0429** (2013.01); **F24H 3/0447** (2013.01); **F24H 3/0452** (2013.01); **F24H 3/0476** (2013.01); **F24H 9/1872** (2013.01); **H05B 3/14** (2013.01); **H05B 3/50** (2013.01); **H05B 2203/02** (2013.01); **H05B 2203/023** (2013.01)

Cited by

EP1967398A1; EP1839920A1; DE102010033310A1; FR2889294A1; FR3032388A1; EP1754943A1; FR2901658A1; DE102010033310B4; FR3053205A1; DE202010011016U1; US9357663B2; EP1731852A1; WO2016128398A1; WO2012016687A1; WO2007135644A1; WO2017220941A1; EP2242327B1; EP2242327B2

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