

Title (en)
Fan heater

Title (de)
Heizlüfter

Title (fr)
Ventilateur d'air chaud

Publication
EP 1939546 A3 20100505 (DE)

Application
EP 07024459 A 20071218

Priority
DE 102006062353 A 20061222

Abstract (en)
[origin: EP1939546A2] The heater (2) has a heating device surrounded upwards and downwards by a metallic shield (16), to prevent inflamed dust in an area of a heating mechanism from reaching plastic components, and prevent downward falling inflamed dust from reaching plastic components of a plastic housing (4). The metallic shield is continuously formed in a circumferential direction. The metallic shield is formed by a metallic tube section (18). The metallic shield extends in an axial flow direction, such that the shield surrounds an electromotive-fan device and an impeller of the fan device.

IPC 8 full level
F24H 3/04 (2006.01); **F24H 9/00** (2006.01); **F24H 9/02** (2006.01); **F24H 9/18** (2006.01)

CPC (source: EP)
F04D 27/008 (2013.01); **F04D 29/5853** (2013.01); **F24H 3/0417** (2013.01); **F24H 9/0073** (2013.01); **F24H 9/02** (2013.01); **F24H 9/1863** (2013.01)

Citation (search report)

- [XY] WO 2006097035 A1 20060921 - CHUNG MEI IND LTD [CN], et al
- [Y] US 2606273 A 19520805 - BURTON FRANKLIN
- [Y] FR 2304872 A1 19761015 - FORBACH GMBH & CO KG [DE]
- [A] US 2475113 A 19490705 - STILES HARRY L
- [A] US 2120795 A 19380614 - BOOTHBY DONALD D
- [A] GB 873047 A 19610719 - GEN ELECTRIC CO LTD
- [A] US 4642441 A 19870210 - KENYON ERIC [AU]

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 1939546 A2 20080702; EP 1939546 A3 20100505; DE 102006062353 A1 20080626

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EP 07024459 A 20071218; DE 102006062353 A 20061222