

Title (en)

Motorized electrical apparatus, in particular motorized electric fan

Title (de)

Motorisierte elektrische Vorrichtung, insbesondere ein motorisierter Elektroventilator

Title (fr)

Appareil électrique motorisé, en particulier un ventilateur électrique motorisé

Publication

EP 2098733 A3 20140723 (EN)

Application

EP 09154072 A 20090302

Priority

IT TO20080159 A 20080304

Abstract (en)

[origin: EP2098733A2] The apparatus (1) is in particular a motorized electric fan (1) and comprises a rigid support housing (2, 3) which defines internally a working chamber (5), an electric motor (7), in particular a brushless motor (7), arranged inside the housing (2, 3) and connected to the latter by vibration-damping means (11), for actuating an operating device which extends inside the working chamber (5), and power supply and control circuit means (17, 18) associated with and connected to the motor (7) and mounted, together with an associated heat dissipator (20), on at least one support card or board (16) which is fixed to the support housing (2, 3).

IPC 8 full level

F04D 25/06 (2006.01); **F04D 29/42** (2006.01); **F04D 29/66** (2006.01)

CPC (source: EP)

F04D 25/064 (2013.01); **F04D 25/0646** (2013.01); **F04D 25/068** (2013.01); **F04D 29/4226** (2013.01); **F04D 29/668** (2013.01)

Citation (search report)

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- [YA] US 2419159 A 19470415 - PEZZILLO ALBERT R & US 2312848 A 19430302 - PEZZILLO ALBERT R
- [YA] EP 1063752 A1 20001227 - CALSONIC CORP [JP]
- [A] EP 1793126 A2 20070606 - GREENWOOD AIR MAN LTD [GB]
- [A] US 6098948 A 20000808 - BOUCHERET BERNARD [FR]

Cited by

US2016053772A1; CN106739939A; US10288084B2; EP2653729A1; CN103375415A; FR3062971A1; US11993132B2; US11408438B2; US12025151B2; WO2018146424A1; US9538889B2; US10160356B2; US10457173B2; US10647232B2

Designated contracting state (EPC)

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 SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2098733 A2 20090909; **EP 2098733 A3 20140723**; **EP 2098733 B1 20160720**; IT TO20080159 A1 20090905

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