

Title (en)

Hair dryer comprising a heat generating mechanism

Title (de)

Haartrockner mit einer wärmeerzeugenden Vorrichtung

Title (fr)

Sèche-cheveux avec un ensemble generateur de chaleur

Publication

**EP 1836919 A1 20070926 (EN)**

Application

**EP 06111588 A 20060323**

Priority

EP 06111588 A 20060323

Abstract (en)

Disclosed is a heat generating mechanism (4) for hair dryer having a housing accommodating a fan (2), a motor (3), and a heat generating mechanism (4) which employs a ceramic block as a heat generating element, and an electrically conducting reed (43,44) and a heat shield ring (51,52) are respectively attached to both front and rear ends of the ceramic block. The ceramic block is a beehive figured porous body having a central main axial passage in which a temperature sensor switch (61) is axially inserted.

IPC 8 full level

**A45D 20/10** (2006.01)

CPC (source: EP)

**A45D 20/10** (2013.01); **F24H 3/0423** (2013.01); **H05B 3/141** (2013.01); **H05B 3/16** (2013.01); **A45D 20/40** (2013.01); **A45D 2200/205** (2013.01)

Citation (applicant)

TW 263023 B

Citation (search report)

- [A] US 7010866 B1 20060314 - LIN HSIN-YUN [TW]
- [A] EP 0919154 A2 19990602 - SAMSUNG ELECTRONICS CO LTD [KR]
- [A] EP 1233650 A1 20020821 - LEISTER PROCESS TECH [CH]
- [A] EP 0168187 A1 19860115 - BLACK & DECKER INC [US]
- [A] US 6285828 B1 20010904 - CAFARO MICHAEL [US]

Cited by

CN106730376A; KR101312014B1; EP2238856A4; FR3044545A1; CN108815716A; EP3158890A1; CN106880155A; EP3553411A1; US9986810B2; US10021951B2; US10085538B2

Designated contracting state (EPC)

DE GB

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

**EP 1836919 A1 20070926; EP 1836919 B1 20090121**; DE 602006004960 D1 20090312

DOCDB simple family (application)

**EP 06111588 A 20060323**; DE 602006004960 T 20060323