

Title (en)
Electric household appliance

Title (de)
Elektrisches Haushaltsgerät

Title (fr)
Appareil ménager électrique

Publication
EP 2025800 A1 20090218 (EN)

Application
EP 07114481 A 20070817

Priority
EP 07114481 A 20070817

Abstract (en)
An electric household appliance (1) having a casing (2); a revolving laundry drum (3), which houses laundry for drying, and is mounted for rotation about its longitudinal axis (L) inside the casing (2); a hot-air generator (5); an electric motor (7) for rotating the laundry drum (3); at least two passive electric components (15) for dissipating in the form of heat a given electric power (P E) to heat the air supply to the laundry drum (3) to a given temperature (t); and an electronic control unit (20), which controls the electric motor (7) to rotate the laundry drum (3) in a first rotation direction (D1) or an opposite second rotation direction (D2), and, at the same time, controls the passive electric components (15), so that the electric power (P E) dissipated in heat by the passive electric components differs in the two rotation directions (D1,D2).

IPC 8 full level
D06F 58/08 (2006.01); **D06F 34/08** (2020.01)

CPC (source: EP US)
D06F 58/08 (2013.01 - EP US); **D06F 25/00** (2013.01 - EP US); **D06F 34/08** (2020.02 - EP US); **D06F 58/26** (2013.01 - EP US); **D06F 2103/34** (2020.02 - EP US); **D06F 2103/38** (2020.02 - EP US); **D06F 2103/44** (2020.02 - EP US); **D06F 2105/28** (2020.02 - EP US); **D06F 2105/46** (2020.02 - EP US)

Citation (applicant)
DE 3820815 A1 19891221 - BOSCH SIEMENS HAUSGERAETE [DE]

Citation (search report)
• [XAY] DE 3820815 A1 19891221 - BOSCH SIEMENS HAUSGERAETE [DE]
• [XA] GB 2051330 A 19810114 - PHILIPS ELECTRONIC ASSOCIATED
• [YA] EP 1568817 A1 20050831 - CANDY SPA [IT]
• [AD] EP 1564324 A1 20050817 - ELECTROLUX HOME PROD CORP [BE]
• [A] DE 1585938 A1 19690918 - SIEMENS ELEKTROGERAETE GMBH
• [A] US 3309783 A 19670321 - WORST JOSEPH C

Cited by
EP2112264A1; CN102666961A; US12055909B2; WO2011080122A1

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 2025800 A1 20090218; **EP 2025800 B1 20160413**; EP 3106560 A1 20161221; EP 3106560 B1 20180606; RU 2008133789 A 20100220; RU 2471027 C2 20121227

DOCDB simple family (application)
EP 07114481 A 20070817; EP 16164403 A 20070817; RU 2008133789 A 20080815