

Title (en)

Laundry treatment appliance with a universal motor

Title (de)

Wäschebehandlungsvorrichtung mit einem Universalmotor

Title (fr)

Appareil de traitement du linge avec un moteur universel

Publication

EP 3023535 B1 20211020 (EN)

Application

EP 14193812 A 20141119

Priority

EP 14193812 A 20141119

Abstract (en)

[origin: EP3023535A1] A laundry treatment appliance (100) is proposed. The laundry treatment appliance (100) comprises: a drum (115) for housing a laundry load to be treated, a universal motor (140) adapted to be powered by an electric voltage (V MOTOR,A , V MOTOR,B) for causing drum (115) rotation, an operating condition detecting unit (160) adapted to detect the occurrence of an operating condition of said appliance (100), and a power supply apparatus (200) configured to power the universal motor (140) in a first driving mode if a first operating condition is detected, and in a second driving mode if a second operating condition is detected, wherein in the first driving mode the voltage (V MOTOR,A) provided by said power supply apparatus (200) to the universal motor (140) has a first waveform, and in the second driving mode the voltage (V MOTOR,B) provided by said power supply apparatus (200) to the universal motor (140) has a second waveform different from said first waveform.

IPC 8 full level

D06F 58/30 (2020.01); **D06F 33/32** (2020.01); **D06F 33/47** (2020.01); **D06F 58/36** (2020.01); **D06F 58/50** (2020.01)

CPC (source: EP US)

D06F 58/30 (2020.02 - EP US); **D06F 25/00** (2013.01 - EP US); **D06F 33/32** (2020.02 - EP US); **D06F 33/47** (2020.02 - EP US); **D06F 58/36** (2020.02 - EP US); **D06F 58/50** (2020.02 - EP US); **D06F 2103/04** (2020.02 - EP US); **D06F 2103/14** (2020.02 - EP US); **D06F 2103/24** (2020.02 - EP US); **D06F 2103/34** (2020.02 - EP US); **D06F 2103/44** (2020.02 - EP US); **D06F 2105/46** (2020.02 - EP US)

Citation (examination)

- IT UD20080090 A1 20091029 - ANTONIOLLI MARIO & C S A S
- EP 1760184 A2 20070307 - LG ELECTRONICS INC [KR]

Designated contracting state (EPC)

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DOCDB simple family (application)

EP 14193812 A 20141119; EP 2015076758 W 20151117; PL 14193812 T 20141119