

Title (en)

Method for operating a clothes drying appliance and clothes drying appliance

Title (de)

Verfahren zum Betrieb eines Wäschetrockners und Wäschetrockner

Title (fr)

Procédé pour le fonctionnement d'un appareil de séchage de vêtements et appareil de séchage de vêtements

Publication

EP 2407590 A1 20120118 (EN)

Application

EP 10169428 A 20100713

Priority

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Abstract (en)

The method is used for operating a clothes drying appliance (1), wherein a moisture content of the clothes (6) is determined by measuring a current running through the clothes (6) and wherein an AC voltage signal is applied to the clothes (6) (S3). The clothes drying appliance (1) is adapted to perform the method according to any of the preceding claims. The clothes drying appliance (1) may comprise at least an AC voltage generator (3) generating an AC voltage, at least one electrode (5) being connected to output ports of the AC voltage generator (3), the at least one electrode (5) being coverable by the clothes (6); and a logic (2) functionally connected to the at least one electrode (5) for determining a conductance representative of a moisture content of the clothes (6) from a measured AC current between the electrodes (5).

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

- [X] WO 2009064143 A2 20090522 - LG ELECTRONICS INC [KR], et al
- [A] US 3327403 A 19670627 - HOOD ROBERT B
- [X] EP 1443139 A1 20040804 - E G O CONTROL SYSTEMS GMBH & C [DE]

Cited by

US11015282B2; EP3521504A4

Designated contracting state (EPC)

AL 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 SM TR

Designated extension state (EPC)

BA ME RS

DOCDB simple family (publication)

EP 2407590 A1 20120118; CN 103080411 A 20130501; CN 103080411 B 20150520; EA 023295 B1 20160531; EA 201291425 A1 20130628; EP 2593601 A1 20130522; EP 2593601 B1 20150812; PL 2593601 T3 20160129; WO 2012007283 A1 20120119

DOCDB simple family (application)

EP 10169428 A 20100713; CN 201180034288 A 20110630; EA 201291425 A 20110630; EP 11728277 A 20110630; EP 2011060977 W 20110630; PL 11728277 T 20110630