

Title (en)

HOUSEHOLD APPLIANCE FOR DRYING LAUNDRY ITEMS AND METHOD FOR DETERMINING A MEASUREMENT VARIABLE CORRELATED TO A LEVEL OF DRYNESS

Title (de)

HAUSGERÄT ZUM TROCKNEN VON WÄSCHESTÜCKEN UND VERFAHREN ZUM BESTIMMEN EINER MIT EINEM TROCKNUNGSGRAD DER WÄSCHESTÜCKE KORRELIERTEN MESSGRÖSSE

Title (fr)

APPAREIL MÉNAGER DESTINÉ À SÉCHER DU LINGE ET PROCÉDÉ SERVANT À DÉTERMINER UNE GRANDEUR MESURÉE CORRÉLÉE À UN DEGRÉ DE SÉCHAGE DU LINGE

Publication

EP 2601339 A2 20130612 (DE)

Application

EP 11733864 A 20110719

Priority

- DE 102010038890 A 20100804
- EP 2011062346 W 20110719

Abstract (en)

[origin: WO2012016820A2] The invention relates to a household appliance 1 for drying laundry items 3, wherein the momentary level of dryness of the laundry items 3 is to be particularly reliably determined. A measuring device 5 is provided in the household appliance 1 for determining a measurement variable 4, U_w , correlated to the level of dryness of the laundry items 3. The measuring device 5 comprises two measurement electrodes 6, 7 spaced apart from each other and a circuit configuration 8 coupled to the measurement electrodes 6, 7, bringing about a current flow I through the measurement electrodes 6, 7, capturing an electrical laundry voltage drop U_w between the measurement electrodes 6, 7, and deriving the measurement variable 4, U_w , as a function thereof. A direction of the current flow I through the measurement electrodes 6, 7 is changed repeatedly. Galvanic effects at the measurement electrodes 6, 7 are thus prevented.

IPC 8 full level

D06F 34/18 (2020.01); **D06F 34/08** (2020.01); **D06F 58/38** (2020.01)

CPC (source: EP US)

D06F 34/18 (2020.02 - EP US); **D06F 34/08** (2020.02 - EP US); **D06F 58/38** (2020.02 - EP US); **D06F 2103/10** (2020.02 - EP US); **D06F 2103/44** (2020.02 - EP US)

Citation (search report)

See references of WO 2012016820A2

Cited by

US11686041B2; US11193228B2; EP3162952A1; US11248334B2; WO2019170233A1; US11920272B2

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 RS SE SI SK SM TR

DOCDB simple family (publication)

DE 102010038890 A1 20120209; CN 103052745 A 20130417; CN 103052745 B 20150121; EA 023640 B1 20160630; EA 201390104 A1 20130730; EP 2601339 A2 20130612; EP 2601339 B1 20140430; PL 2601339 T3 20141031; WO 2012016820 A2 20120209; WO 2012016820 A3 20120816

DOCDB simple family (application)

DE 102010038890 A 20100804; CN 201180038226 A 20110719; EA 201390104 A 20110719; EP 11733864 A 20110719; EP 2011062346 W 20110719; PL 11733864 T 20110719