

Title (en)
DRYING METHOD IN A WASHER-DRYER

Title (de)
TROCKNUNGSVERFAHREN IN EINEM WASCHTROCKNER

Title (fr)
PROCÉDÉ DE SÉCHAGE DANS UN SÈCHE-LINGE

Publication
EP 3109356 A1 20161228 (EN)

Application
EP 15174031 A 20150626

Priority
EP 15174031 A 20150626

Abstract (en)
The invention relates to a method for drying laundry to be implemented in a washing and drying apparatus. The washing and drying apparatus (2) comprises: a tub (30), a drum (36) arranged within the tub (30) and being adapted to receive laundry (40) for treatment within the drum, a washing arrangement adapted to wash the laundry received in the drum (36), a drying arrangement comprising a drying air heater (20, H) and a drying air fan (26, B), and a load detector (46, 60) for detecting a load signal indicative of the load received in the drum (36). The washing and drying apparatus is adapted to dry the laundry received in the drum (36) and the drying method comprises the steps of: Starting (S30) a drying program; detecting (d, S8) the load signal (I); evaluating (S10) the detected load signal (I); in dependency of the load evaluation, executing (S16) a spin cycle (d) or not executing a spin cycle; and drying (f, S22) the laundry (40) received in the drum (36) in a drying cycle.

IPC 8 full level
D06F 25/00 (2006.01); **D06F 58/38** (2020.01); **D06F 33/58** (2020.01)

CPC (source: CN EP US)
D06F 33/60 (2020.02 - EP); **D06F 58/38** (2020.02 - CN EP US); **D06F 25/00** (2013.01 - CN EP US); **D06F 33/58** (2020.02 - CN US); **D06F 2101/02** (2020.02 - CN EP US); **D06F 2101/06** (2020.02 - CN EP US); **D06F 2101/14** (2020.02 - CN EP US); **D06F 2101/20** (2020.02 - CN EP US); **D06F 2103/04** (2020.02 - CN EP US); **D06F 2103/32** (2020.02 - CN EP US); **D06F 2103/36** (2020.02 - CN EP US); **D06F 2103/38** (2020.02 - CN EP US); **D06F 2105/24** (2020.02 - CN EP US); **D06F 2105/28** (2020.02 - CN EP US); **D06F 2105/36** (2020.02 - CN EP US); **D06F 2105/48** (2020.02 - CN EP US)

Citation (applicant)
• DE 102006056419 A1 20070606 - LG ELECTRONICS INC [KR]
• EP 2107151 A1 20091007 - ELECTROLUX HOME PROD CORP [BE]

Citation (search report)
• [AD] DE 102006056419 A1 20070606 - LG ELECTRONICS INC [KR]
• [A] EP 1852542 A1 20071107 - ELECTROLUX HOME PROD CORP [BE]
• [A] US 2004154352 A1 20040812 - CHA KI CHUL [KR]
• [A] EP 0684335 A1 19951129 - MERLONI ELETTRODOMESTICI SPA [IT]
• [A] US 5768731 A 19980623 - DO GI HYEONG [KR]
• [A] EP 2113603 A1 20091104 - BSH BOSCH SIEMENS HAUSGERAETE [DE]

Cited by
IT202100030431A1; CN111979730A; US2023002956A1; US11840794B2; EP3872250A1; WO2018155229A1; WO2023100023A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3109356 A1 20161228; **EP 3109356 B1 20231122**; AU 2016282631 A1 20171123; AU 2016282631 B2 20210114; CN 107787383 A 20180309; CN 107787383 B 20210312; PL 3109356 T3 20240506; WO 2016206988 A1 20161229

DOCDB simple family (application)
EP 15174031 A 20150626; AU 2016282631 A 20160609; CN 201680036482 A 20160609; EP 2016063207 W 20160609; PL 15174031 T 20150626