

Title (en)

DRYING METHOD FOR WASHER DRYER WITH SIPHON FILLING AND WASHER DRYER

Title (de)

TROCKNUNGSVERFAHREN FÜR WASCHTROCKNER MIT SIPHONBEFÜLLUNG UND WASCHTROCKNER

Title (fr)

PROCÉDÉ DE SÉCHAGE POUR LAVE-LINGE / SÈCHE-LINGE AVEC REMPLISSAGE À SIPHON ET LAVE-LINGE / SÈCHE-LINGE

Publication

**EP 3124668 B1 20210414 (EN)**

Application

**EP 15178436 A 20150727**

Priority

EP 15178436 A 20150727

Abstract (en)

[origin: EP3124668A1] The invention relates to a method for operating a washer dryer during a drying program, the washer dryer (2) comprising: a tub (52); a drum (58) arranged within the tub (52); an air channel (50) adapted to guide drying air, providing an air circulation arrangement; a drying air fan (48); a detergent dispenser (90) adapted to store at least one agent for a laundry treatment; a liquid connection line (94) connecting at least one outlet of the detergent dispenser (90) to the interior of the tub (52) or drum (58), wherein the fluid connection line comprises a siphon device (102), which, when filled with a liquid, provides a siphon function in the liquid passage of the liquid connection line (94); and a water supply arrangement (84) adapted to supply water to the detergent dispenser (90) and the liquid connection line (94). The method comprises: starting a drying program for drying the laundry; during the running drying program, monitoring at least one operation parameter; evaluating the at least one operation parameter; and if the evaluation of the at least one operation parameter indicates an incidence which may have affected the liquid level in the siphon device (102), supplying water to the siphon device by the water supply arrangement (84). Preferably one or more operation parameters are monitored for detecting an incidence. Further a washer dryer is provided having a control unit for implementing the control operation.

IPC 8 full level

**D06F 25/00** (2006.01); **D06F 33/54** (2020.01); **D06F 33/74** (2020.01); **D06F 39/02** (2006.01); **D06F 58/50** (2020.01); **D06F 103/00** (2020.01); **D06F 103/18** (2020.01); **D06F 103/30** (2020.01); **D06F 103/32** (2020.01); **D06F 103/40** (2020.01); **D06F 103/42** (2020.01); **D06F 103/44** (2020.01); **D06F 105/02** (2020.01)

CPC (source: EP US)

**D06F 25/00** (2013.01 - EP US); **D06F 33/54** (2020.02 - EP US); **D06F 33/50** (2020.02 - EP US); **D06F 33/74** (2020.02 - EP US); **D06F 58/50** (2020.02 - EP US); **D06F 2101/00** (2020.02 - EP US); **D06F 2101/06** (2020.02 - EP US); **D06F 2101/14** (2020.02 - EP US); **D06F 2101/20** (2020.02 - EP US); **D06F 2103/04** (2020.02 - EP US); **D06F 2103/06** (2020.02 - EP US); **D06F 2103/08** (2020.02 - EP US); **D06F 2103/14** (2020.02 - EP US); **D06F 2103/18** (2020.02 - EP US); **D06F 2103/30** (2020.02 - EP US); **D06F 2103/32** (2020.02 - EP US); **D06F 2103/40** (2020.02 - EP US); **D06F 2103/42** (2020.02 - EP US); **D06F 2103/44** (2020.02 - EP US); **D06F 2103/54** (2020.02 - EP US); **D06F 2105/02** (2020.02 - EP US)

Cited by

CN112080915A; CN113981663A; US11725330B2

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)

**EP 3124668 A1 20170201**; **EP 3124668 B1 20210414**; AU 2016204988 A1 20170216; AU 2016204988 B2 20210218

DOCDB simple family (application)

**EP 15178436 A 20150727**; AU 2016204988 A 20160715