

Title (en)

PROCESS FOR REMOVING SMELL OF LAUNDRY IN A LAUNDRY-DRYER AND A LAUNDRY-DRYER SUITABLE THEREFOR

Title (de)

VERFAHREN ZUR BESEITIGUNG VON GERUCHSSTOFFEN IN WÄSCHESTÜCKEN IN EINEM WASCHTROCKNER SOWIE HIERZU GEEIGNETER WASCHTROCKNER

Title (fr)

PROCÉDÉ POUR ÉLIMINER DES ODEURS DES VÊTEMENTS DANS UN SÈCHE-LINGE ET UN SÈCHE-LINGE POUR CELUI-CI

Publication

**EP 2603629 B1 20150909 (DE)**

Application

**EP 11734108 A 20110721**

Priority

- DE 102010039182 A 20100811
- EP 2011062493 W 20110721

Abstract (en)

[origin: WO2012019890A1] The invention relates to a method for removing odorous substances from laundry items (3) in a clothes dryer, wherein the clothes dryer comprises a suds container (1), a drum (2) that is rotatably mounted in the suds container for receiving laundry items (3), a control device (18), and a process air channel (5) in which a heater (7) for heating air, a blower (6), and a heat exchanger (8) are situated, comprising the steps of: (a) generating a warm air flow in that air is heated by means of the heater (7) in the process air channel (5) and is transported by means of the blower (6); (b) introducing an aqueous liquid (11) via the heat exchanger (8) into the suds container (1) at a quantity that is not sufficient for the drum (2) to be immersed in the aqueous liquid (11); (c) heating the aqueous liquid (11) by bringing same into contact with the warm air flow; (d) generating a water vapor flow (17) by at least partially evaporating the aqueous liquid (11); and (e) bringing the water vapor flow (17) into contact with the laundry items (3). The invention further relates to a clothes dryer suitable for carrying out said method.

IPC 8 full level

**D06F 25/00** (2006.01); **D06F 58/20** (2006.01); **D06F 58/44** (2020.01)

CPC (source: EP US)

**D06F 25/00** (2013.01 - EP US); **D06F 58/203** (2013.01 - EP US); **D06F 58/44** (2020.02 - EP US); **D06F 39/40** (2024.01 - EP US); **D06F 2103/32** (2020.02 - EP US); **D06F 2105/28** (2020.02 - EP US); **D06F 2105/30** (2020.02 - EP US)

Cited by

EP4361336A1

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 102010039182 A1 20120216**; CN 103221606 A 20130724; CN 103221606 B 20160420; EA 022195 B1 20151130; EA 201390208 A1 20130730; EP 2603629 A1 20130619; EP 2603629 B1 20150909; WO 2012019890 A1 20120216

DOCDB simple family (application)

**DE 102010039182 A 20100811**; CN 201180039644 A 20110721; EA 201390208 A 20110721; EP 11734108 A 20110721; EP 2011062493 W 20110721