

Title (en)

Control method for controlling a tumble laundry drier for drying wool laundry

Title (de)

Steuerungsverfahren zur Steuerung eines Trommelwäschetrockners zur Trocknung von Wollartikeln

Title (fr)

Procédé de contrôle pour contrôler un sèche-linge par culbutage pour sécher le lavage de laine

Publication

**EP 2014822 A1 20090114 (EN)**

Application

**EP 07112493 A 20070713**

Priority

EP 07112493 A 20070713

Abstract (en)

A control method for controlling a tumble laundry drier (1) for drying wool laundry (5); the control method includes the steps of: loading the wool laundry (5) into a drum (3) of the tumble laundry drier (1); feeding a stream of drying air into the drum (3); rotating the drum (3) at a first rotation speed (n 1 ) greater than a second rotation speed (n 2 ) at which centrifugal acceleration of the inner surface of the drum (3) equals gravitational acceleration, so the wool laundry (5) is pressed by centrifugal force against the inner surface of the drum (3), as opposed to dropping inside the drum (3); and cyclically stopping rotation of the drum (3) by zeroing the rotation speed (n) and then re-accelerating the drum (3) back to the first rotation speed (n 1 ) to rearrange the wool laundry (5) inside the drum (3).

IPC 8 full level

**D06F 58/38** (2020.01)

CPC (source: EP US)

**D06F 58/38** (2020.02 - EP US); **D06F 2101/10** (2020.02 - EP US); **D06F 2103/06** (2020.02 - EP US); **D06F 2103/10** (2020.02 - EP US); **D06F 2103/34** (2020.02 - EP US); **D06F 2103/44** (2020.02 - EP US); **D06F 2105/46** (2020.02 - EP US); **D06F 2105/48** (2020.02 - EP US); **D06F 2105/62** (2020.02 - EP US)

Citation (search report)

- [DA] US 2006096120 A1 20060511 - MOSCHUTZ HARALD [DE], et al
- [DA] US 2004118012 A1 20040624 - GRUBLE BARBARA [DE], et al
- [Y] EP 1103648 A2 20010530 - ELECTROLUX ZANUSSI ELETTRODOME [IT]
- [Y] DE 2306111 A1 19740822 - LICENTIA GMBH

Cited by

EP2458076A1; WO2012072506A1; CN103348058A; CN102899871A; EP2612967A3; US2023002956A1; US11840794B2; EP2468950A1; ITTO20101070A1; US2015059202A1; US9359715B2; US8806775B2; EP2487291A1; WO2012107280A2; US9637859B2; US9624619B2; EP3276072B1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

**EP 2014822 A1 20090114**; **EP 2014822 B1 20110223**; AT E499480 T1 20110315; DE 602007012679 D1 20110407; ES 2361775 T3 20110622; PL 2014822 T3 20110930; RU 2010105034 A 20110820; RU 2467111 C2 20121120; WO 2009010249 A1 20090122

DOCDB simple family (application)

**EP 07112493 A 20070713**; AT 07112493 T 20070713; DE 602007012679 T 20070713; EP 2008005705 W 20080711; ES 07112493 T 20070713; PL 07112493 T 20070713; RU 2010105034 A 20080711