

Title (en)

LAUNDRY DRYER AND METHOD FOR DRYING LAUNDRY WITH A LAUNDRY DRYER

Title (de)

WÄSCHETROCKNER UND VERFAHREN ZUM TROCKNEN VON WÄSCHE MIT EINEM WÄSCHETROCKNER

Title (fr)

SÈCHE-LINGE ET PROCÉDÉ DE SÉCHAGE DU LINGE À L'AIDE D'UN SÈCHE-LINGE

Publication

EP 3608469 B1 20230830 (DE)

Application

EP 19186484 A 20190716

Priority

DE 102018213108 A 20180806

Abstract (en)

[origin: US2020040515A1] A tumble dryer has a drum for laundry, a drive motor for the drum, an air supply to the drum and an air discharge from the drum, a fan, including a fan drive, for generating an air stream to the drum through the air supply and away from the drum through the air discharge, and also heating means for heating the air stream. The temperature of and the moisture in the air which is discharged from the drum are detected. The profile of said temperature and moisture is compared with prespecification curves, which are stored in a memory, for the profile of said temperature and moisture by means of calculation means depending on the drying phase of the laundry. The operating point of the prespecification curve at which the drying program is located is determined in this way. The control arrangement influences the further drying program, on the basis of the operating point, by way of adjusting the temperature and/or the intensity of the air stream.

IPC 8 full level

D06F 58/38 (2020.01); **D06F 34/26** (2020.01); **D06F 58/02** (2006.01); **D06F 58/26** (2006.01); **D06F 103/00** (2020.01); **D06F 103/08** (2020.01); **D06F 103/32** (2020.01); **D06F 103/34** (2020.01); **D06F 103/38** (2020.01); **D06F 103/44** (2020.01); **D06F 103/52** (2020.01); **D06F 103/54** (2020.01); **D06F 105/28** (2020.01); **D06F 105/30** (2020.01); **D06F 105/32** (2020.01)

CPC (source: EP US)

D06F 58/20 (2013.01 - US); **D06F 58/38** (2020.02 - EP US); **D06F 34/26** (2020.02 - EP US); **D06F 58/02** (2013.01 - EP US); **D06F 58/26** (2013.01 - EP US); **D06F 2103/08** (2020.02 - US); **D06F 2103/32** (2020.02 - EP US); **D06F 2103/34** (2020.02 - EP US); **D06F 2103/36** (2020.02 - US); **D06F 2103/38** (2020.02 - EP US); **D06F 2103/44** (2020.02 - US); **D06F 2103/52** (2020.02 - US); **D06F 2103/54** (2020.02 - EP US); **D06F 2105/24** (2020.02 - US); **D06F 2105/28** (2020.02 - EP US); **D06F 2105/30** (2020.02 - EP US); **D06F 2105/32** (2020.02 - EP US)

Cited by

US11105037B2; US11021837B2

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 3608469 A2 20200212; **EP 3608469 A3 20200506**; **EP 3608469 B1 20230830**; DE 102018213108 A1 20200206; PL 3608469 T3 20240402; US 11021837 B2 20210601; US 2020040515 A1 20200206

DOCDB simple family (application)

EP 19186484 A 20190716; DE 102018213108 A 20180806; PL 19186484 T 20190716; US 201916525712 A 20190730