

Title (en)

A machine for drying laundry for domestic use

Title (de)

Maschine zum Trocknen von Wäsche für die Anwendung im Haushalt

Title (fr)

Machine permettant de sécher le linge pour utilisation domestique

Publication

**EP 2497856 A1 20120912 (EN)**

Application

**EP 11194402 A 20111219**

Priority

IT TO20101022 A 20101220

Abstract (en)

A laundry-drier machine (1) comprises ventilation means, including a fan (7), for generating a forced flow (F) of air, and heating means, preferably including a heat pump (10), for heating the air of the forced flow (F); the machine (1) has a control system (5, 6, 25a, 25b, 26) including a control unit (6), provided for controlling execution of a plurality of operating programs, and a user interface (5), which has selection means (S) for selecting a desired operating program; the operating programs comprise operating programs which end upon achievement of a condition detectable by the control system (5, 6, 25a, 25b, 26), said programs comprise at least one first operating program for which the aforesaid condition is a condition of the door (4) of the machine (1), the control system (5, 6, 25a, 25b, 26) is prearranged for bringing and maintaining, during the at least one first program, the air of the forced flow (F) to a substantially predetermined temperature and for causing ending of the at least one first operating program as a result of the detection of the said condition of the door (4), carried out through sensor means (26).

IPC 8 full level

**D06F 58/20** (2006.01); **D06F 58/38** (2020.01)

CPC (source: EP US)

**D06F 58/38** (2020.02 - EP US); **D06F 58/206** (2013.01 - EP US); **D06F 2101/20** (2020.02 - EP US); **D06F 2103/32** (2020.02 - EP US); **D06F 2103/38** (2020.02 - EP US); **D06F 2103/40** (2020.02 - EP US); **D06F 2105/58** (2020.02 - EP US); **D06F 2105/60** (2020.02 - EP US); **D06F 2105/62** (2020.02 - EP US)

Citation (search report)

- [XYI] US 4531307 A 19850730 - KUECKER PAMELA M [US]
- [YA] WO 2007102722 A2 20070913 - LG ELECTRONICS INC [KR], et al
- [YA] EP 1493860 A2 20050105 - SANYO ELECTRIC CO [JP]
- [YA] EP 0436374 A2 19910710 - WHIRLPOOL CO [US]
- [YA] US 4649654 A 19870317 - HIKINO KEIJI [JP], et al
- [A] US 4397101 A 19830809 - RICKARD JIMMY R
- [A] EP 1862581 A1 20071205 - ELECTROLUX HOME PROD CORP [BE]

Cited by

ITTO20130586A1; US10502478B2; EP3173009A1; EP4067557A1; WO2014154278A1; WO2015004611A1; US10738411B2; US11542653B2; US10087569B2; US10633785B2; WO2017089906A1; US10514194B2; US10718082B2; US10823479B2; US10519591B2; US11299834B2

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 2497856 A1 20120912; EP 2497856 B1 20190123**; IT TO20101022 A1 20120621

DOCDB simple family (application)

**EP 11194402 A 20111219**; IT TO20101022 A 20101220