

Title (en)

Laundry dryer with additional heating and additional heat exchanger

Title (de)

Wäschetrockner mit Zusatzheizung und Zusatzwärmetauscher

Title (fr)

Sèche-linge avec chauffage d'appoint et échangeur de chaleur d'appoint

Publication

EP 2759635 A3 20151125 (DE)

Application

EP 14000037 A 20140107

Priority

CH 2792013 A 20130123

Abstract (en)

[origin: CH705546A2] The clothes dryer has drum (1) with horizontal axis of rotation for receiving laundry to be dried. A process air circuit directs heated process air through drum for cooling process air for purpose of dehydration and re-heating of process air. The process air circuit leads process air axially from rear face (16) to front side (15) of drum. The process air circuit is arranged with additional heat exchanger (4) for removing heat from process air circuit, and discharge of process air heat to ambient air. An auxiliary heater (10) is provided to heat the process air.

IPC 8 full level

D06F 58/02 (2006.01); **D06F 58/20** (2006.01); **D06F 58/26** (2006.01); **D06F 58/38** (2020.01)

CPC (source: EP US)

D06F 58/02 (2013.01 - EP US); **D06F 58/206** (2013.01 - EP US); **D06F 58/26** (2013.01 - EP US); **D06F 58/38** (2020.02 - EP US); **D06F 2103/32** (2020.02 - EP US); **D06F 2105/30** (2020.02 - EP US)

Citation (search report)

- [X1] CH 701466 A2 20101215 - V ZUG AG [CH]
- [X1] DE 102007013997 A1 20080925 - BSH BOSCH SIEMENS HAUSGERAETE [DE]
- [AD] CH 699018 B1 20100115 - V ZUG AG [CH]

Cited by

CN109797530A

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)

CH 705546 A2 20130228; **CH 705546 A3 20140331**; EP 2759635 A2 20140730; EP 2759635 A3 20151125; EP 2759635 B1 20201014; SI 2759635 T1 20210226

DOCDB simple family (application)

CH 2792013 A 20130123; EP 14000037 A 20140107; SI 201431744 T 20140107