

Title (en)  
Rotary-drum laundry dryer

Title (de)  
Wäschetrockner mit Drehtrommel

Title (fr)  
Sèche-linge à tambour rotatif

Publication  
**EP 2843114 B1 20180502 (EN)**

Application  
**EP 13181827 A 20130827**

Priority  
EP 13181827 A 20130827

Abstract (en)  
[origin: EP2843114A1] A rotary-drum laundry dryer (1) comprising a revolving drum (3) structured for housing the laundry to be dried, a hot-air generator (6) structured to supply a stream of hot air through said revolving drum (3), and a lower supporting basement (11) which is structured for resting on the floor and for housing at least part of the hot-air generator (6). The hot-air generator (6) in turn comprises: - an air conduit; and - air circulating means which are located along the air conduit and are structured to produce, inside the air conduit, an airflow (f) which flows through the revolving drum (3) and over the laundry inside the drum (3). The rotary-drum laundry dryer (1) is characterized in that the rear wall (2b) of the dryer (1) comprises a supporting bulkhead (14a) made of plastic material. A central bulge (141a) is provided on the supporting bulkhead (14a) and a portion (142b) of a scroll (150) of an impeller straddles a bridge element (144a) carried out in the supporting bulkhead (14a); so that an empty undercut (220) being formed between the bridge element (144a) and the portion (142b) of the scroll (150).

IPC 8 full level  
**D06F 58/04** (2006.01); **D06F 58/06** (2006.01); **D06F 58/20** (2006.01)

CPC (source: EP US)  
**D06F 58/04** (2013.01 - EP US); **D06F 58/06** (2013.01 - EP US); **D06F 58/20** (2013.01 - EP US)

Cited by  
EP4056748A1; EP4056751A1; EP3889340A4; EP3992353A1; TWI834129B

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 2843114 A1 20150304; EP 2843114 B1 20180502**; AU 2014314503 A1 20160310; CN 105492682 A 20160413; CN 105492682 B 20170908; WO 2015028231 A1 20150305

DOCDB simple family (application)  
**EP 13181827 A 20130827**; AU 2014314503 A 20140729; CN 201480047118 A 20140729; EP 2014066256 W 20140729