

Title (en)
Household laundry dryer

Title (de)
Haushaltswäschetrockner

Title (fr)
Sèche-linge domestique

Publication
EP 2719818 B1 20161123 (EN)

Application
EP 13187844 A 20131009

Priority
IT TO20120880 A 20121009

Abstract (en)
[origin: EP2719818A1] A household laundry dryer (1) comprising a cabinet (2-5), a drying circuit (9-13, 17, 18), motor means (14), and a laundry drum (7) having at least one inlet (7e) and one outlet (17) for passage of drying air. The drum (7) is mounted within the cabinet (2-5) and has at least one member for agitating the laundry (8a, 8b). The drum (7) has a structure comprising a front wall (7a), a rear wall (7b) and a peripheral wall (7c) that extends between the front wall (7a) and the rear wall (7b) for defining a volume for containing the laundry. A first part (20) of the structure of the drum, including at least one between the front wall (7a) and the rear wall (7b), as well as at least one respective substantially cylindrical portion (7c 1 , 7c 2) of the peripheral wall (7c), is mounted in a stationary position within the cabinet (2-5). A second part (30) of the structure of the drum, including at least one respective substantially cylindrical portion (7c 3) of the peripheral wall (7c) is rotatably mounted within the cabinet (2-5) for rotating about a substantially horizontal axis of rotation (X). The first part (20) and the second part (30) of the structure of the drum are substantially coaxial, and fixed with respect to the second part (30) of the structure of the drum is the at least one member (8a, 8b) for agitating the laundry. The motor means (14) are operatively coupled to the second part (30) of the structure of the drum for causing rotation thereof.

IPC 8 full level
D06F 58/02 (2006.01); **D06F 58/04** (2006.01)

CPC (source: EP US)
D06F 58/04 (2013.01 - EP US); **D06F 58/02** (2013.01 - EP US)

Cited by
CN107904863A; CN112189066A; WO2021221467A1; US11976403B2

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 2719818 A1 20140416; EP 2719818 B1 20161123; IT TO20120880 A1 20140410; PL 2719818 T3 20170929

DOCDB simple family (application)
EP 13187844 A 20131009; IT TO20120880 A 20121009; PL 13187844 T 20131009