

Title (en)

HOME APPLIANCE INCLUDING DRYER

Title (de)

HAUSHALTSGERÄT MIT EINEM TROCKNER

Title (fr)

APPAREIL ELECTROMENAGER COMPRENANT UN SECHOIR

Publication

EP 3626112 A1 20200325 (EN)

Application

EP 19197912 A 20190918

Priority

- US 201862733478 P 20180919
- KR 20190017596 A 20190215
- KR 20190019327 A 20190219
- KR 20190087781 A 20190719

Abstract (en)

Provided is a home appliance including a dryer for discharging air for drying, and the dryer having a grip formed at one side thereof to be held by a user; and a stand having a receptacle in which the grip is mounted. Therefore, a user can dry an object to be dried without holding the dryer. Each of the dryer and the stand includes a positioning unit disposed at each of the grip and the receptacle and enabling the grip to be positioned at a predetermined right position in the receptacle when the grip is mounted in the receptacle. A magnetic force acts between the positioning units of each of the dryer and the stand, an interference force acts between the positioning units which are in contact with and coupled to each other, or while a magnetic force acts between the positioning units, an interference force also acts between the positioning units which are in contact with and coupled to each other and thus the grip may be positioned at the right position. That is, a mounting position to the right position of the grip is guided by the positioning unit, and the grip is prevented from being separated from the right position.

IPC 8 full level

A45D 20/12 (2006.01)

CPC (source: CN EP US)

A45D 20/12 (2013.01 - EP); **A47K 10/48** (2013.01 - CN EP US); **A45D 2020/126** (2013.01 - EP); **A45D 2020/128** (2013.01 - EP)

Citation (applicant)

- US 2010307019 A1 20101209 - PARK BEOUNG CHEL [KR], et al
- KR 20150031643 A 20150325 - ROH TAE WAN [KR]
- KR 20180043526 A 20180430 - AN DUK GEUN [KR]
- KR 101383330 B1 20140410 - KWANGSAN OFFICE KWANG JU METROPOLITAN CITY [KR]

Citation (search report)

- [X] US 6491267 B1 20021210 - SEBASTIAN LINDA [US]
- [A] KR 20160002206 U 20160628

Cited by

EP4014785A1; US11666188B2

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 3626112 A1 20200325; **EP 3626112 B1 20220406**; EP 4014785 A1 20220622; EP 4014785 B1 20240807; PL 3626112 T3 20220613

DOCDB simple family (application)

EP 19197912 A 20190918; EP 22151274 A 20190918; PL 19197912 T 20190918