

Title (en)
LAUNDRY TREATMENT APPARATUS

Title (de)
WÄSCHEBEHANDLUNGSVORRICHTUNG

Title (fr)
APPAREIL DE TRAITEMENT DU LINGE

Publication
EP 4067556 A1 20221005 (EN)

Application
EP 22165888 A 20220331

Priority
KR 20210043232 A 20210402

Abstract (en)
A laundry treatment apparatus includes a drying chamber defining a laundry space, a supply unit configured to supply air or moisture to the drying chamber, a support unit including a support body supporting a hanger, a first connecting body connecting the support body to the drying chamber, and a second connecting body connecting the support body to the drying chamber, a rotating shaft extending through the upper surface of the drying chamber, a rotating arm fixed to the rotating shaft and configured to be rotated in the drying chamber, a conversion unit provided at the support body and configured to convert the rotational movement of the rotating arm into reciprocating movement of the support body, a driven unit fixed to the rotating shaft outside the drying chamber, a drive unit configured to rotate the driven unit, and a weight fixed to the driven unit and positioned opposite the rotating arm.

IPC 8 full level
D06F 58/12 (2006.01); **D06F 73/02** (2006.01)

CPC (source: CN EP KR US)
D06F 58/10 (2013.01 - CN); **D06F 58/12** (2013.01 - EP KR US); **D06F 58/20** (2013.01 - CN); **D06F 58/24** (2013.01 - CN);
D06F 58/26 (2013.01 - CN); **D06F 58/44** (2020.02 - KR); **D06F 58/52** (2020.02 - KR); **D06F 69/00** (2013.01 - KR); **D06F 73/02** (2013.01 - EP)

Citation (applicant)
• KR 20210043232 A 20210421 - UNIV DANKOOK IACF [KR]
• KR 101674942 B1 20161110

Citation (search report)
• [X] EP 3722491 A1 20201014 - LG ELECTRONICS INC [KR]
• [X] US 2006037209 A1 20060223 - JOHNSON TROY A [US], et al
• [A] WO 2011108865 A2 20110909 - LG ELECTRONICS INC [KR], et al

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 4067556 A1 20221005; CN 115198501 A 20221018; KR 20220137320 A 20221012; US 2022316128 A1 20221006;
WO 2022211530 A1 20221006

DOCDB simple family (application)
EP 22165888 A 20220331; CN 202210348534 A 20220401; KR 20210043232 A 20210402; KR 2022004608 W 20220331;
US 202217710169 A 20220331