

Title (en)
CLOTHES DRYER

Title (de)
WÄSCHETROCKNER

Title (fr)
SÈCHE-LINGE

Publication
EP 4198189 A4 20240117 (EN)

Application
EP 21894859 A 20210924

Priority

- KR 20200156580 A 20201120
- KR 20210065276 A 20210521
- KR 2021013016 W 20210924

Abstract (en)
[origin: EP4198189A1] Disclosed herein is a clothes dryer including a dehumidification function. The clothes dryer comprises: a cabinet; a drum provided inside the cabinet so as to accommodate an object to be dried; an opening provided on the front surface of the cabinet, so as to allow the object to be dried to be inserted into the drum; a heat exchanger provided inside the cabinet so as to perform heat exchange heat with air; and a door provided on the cabinet so as to open and close the opening, wherein the door discharge air, discharged from the drum, to the outside of the cabinet and maintains an open state of the opening so as to supply external air to the heat exchanger.

IPC 8 full level
D06F 58/24 (2006.01); **D06F 39/14** (2006.01); **D06F 58/02** (2006.01); **D06F 58/04** (2006.01); **D06F 58/32** (2020.01); **F24F 3/14** (2006.01); **D06F 58/20** (2006.01); **D06F 101/20** (2020.01); **D06F 105/44** (2020.01); **D06F 105/54** (2020.01)

CPC (source: EP US)
D06F 34/20 (2020.02 - US); **D06F 39/14** (2013.01 - EP); **D06F 58/02** (2013.01 - EP); **D06F 58/08** (2013.01 - US); **D06F 58/10** (2013.01 - US); **D06F 58/26** (2013.01 - US); **D06F 58/32** (2020.02 - EP); **D06F 58/206** (2013.01 - EP); **D06F 2101/20** (2020.02 - EP); **D06F 2105/44** (2020.02 - EP); **D06F 2105/54** (2020.02 - EP)

Citation (search report)

- [XA] US 2016160424 A1 20160609 - KIM JONGSEOK [KR], et al
- [XA] JP 2001062194 A 20010313 - TOSHIBA CORP
- [A] JP 2007068870 A 20070322 - MATSUSHITA ELECTRIC IND CO LTD
- See references of WO 2022108086A1

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

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
EP 4198189 A1 20230621; **EP 4198189 A4 20240117**; CN 116438346 A 20230714; US 2023235498 A1 20230727; WO 2022108086 A1 20220527

DOCDB simple family (application)
EP 21894859 A 20210924; CN 202180067568 A 20210924; KR 2021013016 W 20210924; US 202318125878 A 20230324