

Title (en)  
DRYER

Title (de)  
TROCKNER

Title (fr)  
SÉCHOIR

Publication  
**EP 3998381 A4 20230419 (EN)**

Application  
**EP 19938026 A 20190712**

Priority  
• KR 2019008672 W 20190712  
• KR 20190084596 A 20190712

Abstract (en)  
[origin: EP3998381A1] The present disclosure relates to a drier. The drier of the present disclosure includes a cabinet forming an exterior, a drum rotatably installed inside the cabinet, a heat pump module including an evaporator, a compressor, a condenser, and an expander through which a refrigerant circulates to supply hot and dry air into the drum, a compressor chamber housing configured to reduce noise generated by the compressor and form a compressor chamber which is a space through which air flows around an outer periphery of the compressor, and a cooling fan configured to cause air to flow into the compressor chamber.

IPC 8 full level  
**D06F 58/08** (2006.01); **D06F 58/20** (2006.01); **D06F 58/24** (2006.01); **D06F 58/30** (2020.01); **D06F 58/02** (2006.01)

CPC (source: EP KR US)  
**D06F 58/02** (2013.01 - US); **D06F 58/08** (2013.01 - KR); **D06F 58/206** (2013.01 - EP KR US); **D06F 58/24** (2013.01 - KR US); **D06F 58/26** (2013.01 - KR); **D06F 58/30** (2020.02 - KR); **F04B 39/0033** (2013.01 - EP); **F04B 39/064** (2013.01 - EP); **F04B 39/066** (2013.01 - EP); **D06F 58/02** (2013.01 - EP)

Citation (search report)  
• [X1] US 2012030960 A1 20120209 - RYOO BYEONGJO [KR], et al  
• [A] CN 101581025 A 20091118 - TOSHIBA KK [JP]  
• See references of WO 2021010501A1

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 3998381 A1 20220518; EP 3998381 A4 20230419**; CN 114096708 A 20220225; KR 20210007703 A 20210120; US 2022298716 A1 20220922; WO 2021010501 A1 20210121

DOCDB simple family (application)  
**EP 19938026 A 20190712**; CN 201980098365 A 20190712; KR 20190084596 A 20190712; KR 2019008672 W 20190712; US 201917626636 A 20190712