

Title (en)
AIR DISPLACEMENT DEVICE

Title (de)
LÜFTUNGSGERÄT

Title (fr)
APPAREIL DE DÉPLACEMENT D'AIR

Publication
EP 4368909 A1 20240515 (EN)

Application
EP 23152292 A 20230118

Priority
CN 2022131772 W 20221114

Abstract (en)
Provided is an air displacement appliance (100). The air displacement appliance comprises a housing (102) that delimits a first air inlet (104), a second air inlet (106), and an air outlet (108). A first impeller (116) is arranged such that air from the first air inlet is drawn axially into the first impeller and radially expelled from the first impeller. A second impeller (118) is arranged such that air from the second air inlet is drawn axially into the second impeller and radially expelled from the second impeller. The air outlet is arranged to permit the air radially expelled from the first impeller and from the second impeller to pass therethrough to exit the housing.

IPC 8 full level
F24F 13/20 (2006.01); **F24F 8/10** (2021.01); **F24F 8/80** (2021.01)

CPC (source: EP)
F24F 8/10 (2021.01); **F24F 8/80** (2021.01); **F24F 2013/205** (2013.01)

Citation (search report)

- [X] US 2020191153 A1 20200618 - PARK HEECHUL [KR], et al
- [X] KR 20190075721 A 20190701 - LG ELECTRONICS INC [KR]
- [A] KR 20220120348 A 20220830 - SAMSUNG ELECTRONICS CO LTD [KR]

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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
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