

Title (en)
AN AIR DELIVERY SYSTEM

Title (de)
LUFTZUFUHRSYSTEM

Title (fr)
SYSTÈME DE DISTRIBUTION D'AIR

Publication
EP 4160100 A1 20230405 (EN)

Application
EP 22168183 A 20220413

Priority
CN 2021122392 W 20210930

Abstract (en)
An air delivery system comprises a fan within a housing, an air entry port to the housing and an air exit port from the housing. The air exit port has an air exit area, and this area can be selectively blocked such that the air treatment system is configurable between a relatively high flow velocity air delivery from a relatively small air exit area and a relatively low flow velocity air delivery from a relatively large air exit area. The system is thus configurable into different air flow modes for different air treatment functions.

IPC 8 full level
F24F 8/108 (2021.01); F04D 25/08 (2006.01); F04D 29/58 (2006.01); F24F 1/0071 (2019.01); F24F 1/01 (2006.01); F24F 6/04 (2006.01); F24F 8/80 (2021.01); F24F 13/10 (2006.01); F24F 13/12 (2006.01); F24F 13/20 (2006.01)

CPC (source: EP)
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Citation (search report)
• [X] US 2021270282 A1 20210902 - MACQUEEN NEIL EWEN CALLUM [GB], et al
• [X] US 2019170162 A1 20190606 - JENNINGS MATTHEW JEROME [GB], et al
• [X] US 2020400152 A1 20201224 - SHORTER DAVID JOHN [GB], et al
• [A] EP 3040632 A1 20160706 - 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 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)
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DOCDB simple family (application)
EP 22168183 A 20220413; AU 2022354085 A 20220927; CN 202220880933 U 20220414; EP 2022076846 W 20220927; EP 22786954 A 20220927