

Title (en)
BYPASS VENTILATOR

Title (de)
BYPASS-VENTILATOR

Title (fr)
VENTILATEUR DE DÉRIVATION

Publication
EP 4345394 A1 20240403 (EN)

Application
EP 23200228 A 20230927

Priority
US 202263377393 P 20220928

Abstract (en)
A ventilator (100) comprising a housing (10) comprising a first flowpath (13) extending from a first inlet (12) to a first outlet (14), and a second flowpath (17) extending from a second inlet (16) to a second outlet (18). The housing further comprises a partition (30) defining a first chamber (24) therein. The ventilator further comprises a second chamber (26). The first flow path extends through the first chamber and the second chamber, and the second flowpath extends through the first chamber. The ventilator further includes a movable damper (28) disposed in the first flowpath and configured to apportion a quantity of a first fluid flowing therein between the first and second chambers. The second chamber and the movable damper are configured in a removable part (300) adapted to be fitted in place of a cover part of the housing of the ventilator.

IPC 8 full level
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CPC (source: EP US)
F24F 7/007 (2013.01 - US); **F24F 12/001** (2013.01 - EP); **F24F 13/0272** (2013.01 - EP); **F24F 13/14** (2013.01 - EP); **F24F 12/006** (2013.01 - EP); **F24F 2221/36** (2013.01 - EP)

Citation (search report)
• [X] EP 3334980 A1 20180620 - KONINKLIJKE PHILIPS NV [NL]
• [X] KR 20080001312 A 20080103 - DAEWOO ELECTRONICS CORP [KR]
• [A] US 6019677 A 20000201 - DEMSTER STANLEY J [US]
• [A] GB 2497568 A 20130619 - POLYPIPE LTD [GB]

Designated contracting state (EPC)
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Designated extension state (EPC)
BA

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KH MA MD TN

DOCDB simple family (publication)
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EP 23200228 A 20230927; CN 202311259671 A 20230927; US 202318476255 A 20230927