

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  
**F24F 12/00** (2006.01); **F24F 13/02** (2006.01); **F24F 13/14** (2006.01)

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)  
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)  
**EP 4345394 A1 20240403**; CN 117780665 A 20240329; US 2024102674 A1 20240328

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