

Title (en)  
Air passage device

Title (de)  
Luftdurchtrittsvorrichtung

Title (fr)  
Dispositif de passage d'air

Publication  
**EP 1939456 A3 20090429 (DE)**

Application  
**EP 07014648 A 20070726**

Priority  
• DE 202006019690 U 20061227  
• DE 202006019691 U 20061227

Abstract (en)  
[origin: EP1939456A2] The device has a side walls formed in a base housing (11) as a design cover. A blower is installed in a mounting perforation of a wall. An air inlet grill with fin units is held at the side walls of the cover. A grid unit (30) is arranged at an air outlet side of the device. The bar unit has a rising region and a plane region (36). The rising region overlays the plane region, and a disk unit (32) is provided on the plane region.

IPC 8 full level  
**F04D 25/12** (2006.01); **F04D 29/70** (2006.01)

CPC (source: EP US)  
**F04D 25/12** (2013.01 - EP US); **F04D 29/547** (2013.01 - EP US); **F04D 29/703** (2013.01 - EP US)

Citation (search report)  
• [X] DE 20016143 U1 20001116 - PFANNENBERG OTTO GMBH [DE]  
• [X] DE 19536928 C1 19970130 - LOH KG RITTAL WERK [DE]  
• [A] FR 1371399 A 19640904 - PIETRACCI BREVETS

Cited by  
DE202018100226U1; CN111405794A; EP3130808A1; US9745988B2; US9903602B2; USD859631S; US10221860B2; US9927136B2; US11759737B2; US10408478B2; US10100836B2; US10465928B2; US9745981B2; US9797612B2; US10006657B2; US9982677B2; US10094581B2; WO2010046691A1; US9745996B2; US9822778B2; US9797414B2; US10344773B2; US10612565B2; US9926804B2; US10145583B2; US10428837B2; US9752789B2; US9797613B2; US10563875B2; US9732763B2; US9816531B2; US10094392B2; US10145388B2; US10309420B2; USD851742S

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK RS

DOCDB simple family (publication)  
**EP 1939456 A2 20080702; EP 1939456 A3 20090429; EP 1939456 B1 20140312; RU 2353819 C1 20090427; US 2008160898 A1 20080703; US 9677571 B2 20170613**

DOCDB simple family (application)  
**EP 07014648 A 20070726; RU 2007133244 A 20070904; US 89961007 A 20070906**