

Title (en)  
Air distribution system

Title (de)  
Luftverteilungssystem

Title (fr)  
Système de répartition de l'air

Publication  
**EP 2479508 B1 20161012 (DE)**

Application  
**EP 11000489 A 20110121**

Priority  
EP 11000489 A 20110121

Abstract (en)  
[origin: EP2479508A1] The system has an air distribution unit (500) whose one end (510) exhibits a connector for coupling with an air supply duct or an air exhaust duct and another end (520) that exhibits multiple connectors (531-534). The distribution unit includes throttle units (550) for partially or completely opening and closing inputs of the latter connectors. The throttle units control air flow via the latter connectors. A recess is provided at an input of the latter connectors for accommodating the throttle units. A removal unit deflects supply air into the supply duct or exhaust air into the exhaust duct. An independent claim is also included for a method for controlling an air volume flow of an air distribution system for ventilating a building.

IPC 8 full level  
**F24F 13/02** (2006.01)

CPC (source: EP US)  
**F24F 13/0236** (2013.01 - EP US); **F24F 2007/002** (2013.01 - EP US)

Cited by  
DE202014005721U1; EP2944889A1; NL2014563A; DE102019105923A1; EP3457046A1; CN103363637A; EP3581835A1; EP4092348A1; NL2026607B1; DE102017105857A1; WO2018004432A1; DE102022113941A1; DE102014106824A1

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

DOCDB simple family (publication)  
**EP 2479508 A1 20120725; EP 2479508 B1 20161012**

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