

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)
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DOCDB simple family (publication)
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