

Title (en)

Ceiling air outlet or an air conditioner for supply air and inducing recirculating room air in horizontal direction

Title (de)

Deckenluftauslass für Zuluft und Induktion von Raumluft in horizontaler Richtung einer klimatechnischen Anlage

Title (fr)

Sortie d'air frais et induction d'air récirculé d'une pièce en direction horizontale d'un climatiseur

Publication

EP 2354686 B1 20170308 (DE)

Application

EP 10152562 A 20100203

Priority

EP 10152562 A 20100203

Abstract (en)

[origin: EP2354686A1] The outlet has an aperture (9) arranged to allow flow of supply air approximately in horizontal direction. A flat element (14) covers the outlet on an underside, and is arranged to be impermeable to air on the underside facing toward a room to be ventilated. Each outlet opening (13) is oriented in alignment with corresponding apertures such that the supply air flowing through each aperture is not deflected in an associated side chamber (7). The room air is induced by the flat element above an upper edge of the outlet in particular in an upper region of the outlet.

IPC 8 full level

F24F 1/01 (2011.01)

CPC (source: EP US)

F24F 1/01 (2013.01 - EP US); **F24F 2221/02** (2013.01 - EP US); **F24F 2221/14** (2013.01 - EP US)

Cited by

EP2597382A3

Designated contracting state (EPC)

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 SE SI SK SM TR

DOCDB simple family (publication)

EP 2354686 A1 20110810; **EP 2354686 B1 20170308**; **EP 2354686 B9 20170726**; BR PI1100810 A2 20150120; CN 102141292 A 20110803; ES 2626133 T3 20170724; MX 2011000966 A 20110830; RU 2011103841 A 20120810; US 2011189939 A1 20110804

DOCDB simple family (application)

EP 10152562 A 20100203; BR PI1100810 A 20110203; CN 201110063154 A 20110201; ES 10152562 T 20100203; MX 2011000966 A 20110125; RU 2011103841 A 20110203; US 201113020139 A 20110203