

Title (en)
Supply and exhaust air terminal device

Title (de)
Zuluft- und Abluftendgerätevorrichtung

Title (fr)
Dispositif de terminal d'air d'alimentation et d'échappement

Publication
EP 3018426 B1 20221221 (EN)

Application
EP 14192288 A 20141107

Priority
EP 14192288 A 20141107

Abstract (en)
[origin: EP3018426A1] A method and a supply and exhaust air terminal device arranged in a chilled beam system. The terminal comprises a supply air chamber into which supply air is led through at least one supply air opening from a supply air duct, wherein the supply air chamber is arranged in the first end of the chilled beam; and an exhaust air chamber through which exhaust air is led from a room space into an exhaust air duct through at least one exhaust air opening, wherein the exhaust air chamber is arranged in the second end of the chilled beam and separated from the supply air chamber. The air terminal device further comprises an adjusting device configured to adjust the at least one supply air opening and the at least one exhaust air opening; and an actuator for displacing the adjusting device, wherein displacing the adjusting device causes the air flow to be obstructed through the at least one supply air opening and through the at least one exhaust air opening.

IPC 8 full level
F24F 13/072 (2006.01); **F24F 1/0038** (2019.01); **F24F 1/01** (2011.01); **F24F 11/72** (2018.01); **F24F 11/75** (2018.01); **F24F 13/06** (2006.01); **F24F 13/12** (2006.01); **F24F 13/26** (2006.01)

CPC (source: EP US)
F24F 1/0014 (2013.01 - US); **F24F 1/0035** (2019.01 - EP US); **F24F 1/0038** (2019.01 - EP US); **F24F 1/0041** (2019.01 - EP US); **F24F 1/0047** (2019.01 - EP US); **F24F 1/01** (2013.01 - EP US); **F24F 11/72** (2017.12 - EP US); **F24F 11/75** (2017.12 - EP US); **F24F 13/072** (2013.01 - EP US); **F24F 13/12** (2013.01 - EP US); **F24F 13/26** (2013.01 - EP US); **F24F 2013/0608** (2013.01 - US); **F24F 2013/0616** (2013.01 - EP US)

Citation (examination)
FR 2966562 A1 20120427 - HALTON OY [FI]

Cited by
CN112303740A; CN111942561A; US2019310016A1; US10809001B2; WO2020091603A1

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 3018426 A1 20160511; **EP 3018426 B1 20221221**; US 2017016632 A1 20170119

DOCDB simple family (application)
EP 14192288 A 20141107; US 201514959945 A 20151204