

Title (en)

A system including a building ceiling having one or more integrated air inlet diffuser devices, and a metal ceiling plate for a suspended ceiling

Title (de)

System mit einer Gebäudedecke mit einer oder mehreren integrierten Lufteinlassverteilervorrichtungen und Metalldeckenplatten für eine Hängedecke

Title (fr)

Système comprenant un plafond de bâtiment ayant un ou plusieurs dispositifs de diffuseur d'entrée d'air intégré et plaque métallique pour plafond suspendu

Publication

EP 2503255 A3 20140730 (EN)

Application

EP 12160313 A 20120320

Priority

- DK PA201100193 A 20110321
- DK PA201100841 A 20111031

Abstract (en)

[origin: EP2503255A2] The invention relates to an air inlet diffuser device (1) comprising a) an outer cylindrical tubular part (5) having an inside surface (5') and an upper free edge (8) and b) an inner elongated air guiding part (20) which is symmetrical about an axis of rotation (25).

IPC 8 full level

F24F 13/068 (2006.01); **F24F 13/02** (2006.01); **F24F 13/06** (2006.01); **F24F 13/062** (2006.01)

CPC (source: EP)

F24F 13/0227 (2013.01); **F24F 13/06** (2013.01); **F24F 13/062** (2013.01); **F24F 13/068** (2013.01)

Citation (search report)

- [AD] WO 9851978 A2 19981119 - WORK SMART ENERGY ENTPR INC [US], et al
- [A] WO 0235157 A1 20020502 - LINDINVENT AB [SE], et al
- [A] DE 2105077 A1 19720810 - HERBST D
- [A] US 2003213852 A1 20031120 - DEMSTER STANLEY J [US]
- [A] DE 19730180 A1 19990121 - WILHELMI WERKE AG [DE]
- [A] US 2190937 A 19400220 - CHARLES DEMUTH

Cited by

CN114623491A; CN107588520A; EP4390264A1; US10443887B2; WO2015122831A1; WO2015122832A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2503255 A2 20120926; EP 2503255 A3 20140730; EP 2503255 B1 20210512; DK 177703 B1 20140324; DK 201100841 A 20120922; EP 2503256 A2 20120926; EP 2503256 A3 20140820; EP 2503256 B1 20200812

DOCDB simple family (application)

EP 12160313 A 20120320; DK PA201100841 A 20111031; EP 12160315 A 20120320