

Title (en)

FAN COIL SUITABLE FOR RECESSING IN A FALSE CEILING AND SET OF AT LEAST TWO FAN COILS BELONGING TO AN AIR-CONDITIONING SYSTEM

Title (de)

GEBLÄSEKONVEKTOR, DER IN EINE ABGEHÄNGTE DECKE EINGEBAUT WERDEN KANN, UND ANORDNUNG VON MINDESTENS ZWEI SOLCHEN GEBLÄSEKONVEKTOREN, DIE TEIL EINER KLIMAAANLAGE SIND

Title (fr)

VENTILO-CONVECTEUR INTEGRABLE A UN FAUX PLAFOND ET ENSEMBLE D'AU MOINS DEUX VENTILO-CONVECTEURS APPARTENANT A UNE INSTALLATION DE CONDITIONNEMENT D'AIR

Publication

EP 2927607 A1 20151007 (FR)

Application

EP 15157907 A 20150306

Priority

FR 1451872 A 20140307

Abstract (en)

[origin: RU2672434C2] FIELD: ventilation.SUBSTANCE: invention relates to a convection fan integrated in a false ceiling, and to a unit of at least two such convection fans located opposite each other in a false ceiling. Unit of at least two convection fans belonging to an air conditioning unit, wherein said convection fans are arranged opposite each other in a false ceiling, wherein the convection fans are arranged so that, during operation, air jets emanating from two edges of convection fans located opposite each other, deflect in the middle directions that are offset relative to each other and do not intersect each other. Convection fan integrated into the false ceiling includes a housing and a diffuser, which, together with the housing, limits the injection slot configured for the distribution of air jets in at least three middle directions contained in one injection plane, and further comprises at least one reflector mounted on the diffuser and configured to direct at least one of the injected air jets through the slot in the middle direction, having a slope relative to an axis perpendicular to the side of the housing.EFFECT: this enables to limit the interaction of air jets with jets injected by a convection fan located opposite.10 cl, 6 dwg

Abstract (fr)

Ce ventilo-convecteur est intégrable à un faux-plafond et comprend un caisson, et un diffuseur, qui délimite avec le caisson une fente de diffusion, adaptée pour diffuser des jets d'air dans au moins trois directions moyennes (F1, F2, F3) contenues dans un plan de diffusion. Ce ventilo-convecteur comprend, en outre, au moins un déflecteur, qui est monté sur le diffuseur et qui est adapté pour diriger au moins un des jets d'air diffusés à travers la fente selon une direction moyenne (F2, F3) inclinée par rapport à un axe (X2) perpendiculaire à un côté du caisson.

IPC 8 full level

F24F 1/00 (2011.01); **F24F 13/08** (2006.01)

CPC (source: EP RU)

F24F 1/00 (2013.01 - RU); **F24F 1/0014** (2013.01 - EP); **F24F 1/0047** (2019.02 - EP); **F24F 13/08** (2013.01 - EP RU); **F24F 2013/0616** (2013.01 - EP)

Citation (applicant)

EP 2206988 A1 20100714 - TOSHIBA CARRIER CORP [JP]

Citation (search report)

- [X1] EP 1884718 A2 20080206 - LG ELECTRONICS INC [KR]
- [X1] EP 2413058 A1 20120201 - DAIKIN IND LTD [JP]
- [X1] EP 2206988 A1 20100714 - TOSHIBA CARRIER CORP [JP]
- [X1] EP 1688677 A1 20060809 - DAIKIN IND LTD [JP]

Cited by

CN108954698A; FR3122095A1

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