

Title (en)

Ceiling disperser for conducting supply air into a room by alternating standard and high volume air

Title (de)

Deckendisperser zum alternierenden Einleiten von Zuluft mit normalem und hohem Volumenstrom in einen Raum

Title (fr)

Disperseur de plafond pour amener l'alimentation d'air dans une pièce alternant écoulement faible et écoulement dièse

Publication

EP 2339260 A1 20110629 (EN)

Application

EP 10397520 A 20101110

Priority

FI 20096337 A 20091216

Abstract (en)

A ceiling disperser for conducting supply air into an inside space of a building, more particularly into a room, wherein the supply air is arranged to flow for most of the time with a certain air volume, which ceiling disperser comprises a duct part (6), by means of which the ceiling disperser is connected to the supply air duct, a frame part (4), which surrounds the duct part, and also a front plate (1), which comprises apertures or nozzles (3) at least at the point of the duct part. The invention is implemented such that at the point of the duct part (6) a pipe (7) that is smaller in diameter than the duct part is installed partly inside the duct part, which smaller pipe can be moved in the vertical direction between a lower position and an upper position.

IPC 8 full level

F24F 13/068 (2006.01)

CPC (source: EP FI US)

F24F 11/755 (2017.12 - EP FI US); **F24F 13/068** (2013.01 - EP FI); **F24F 13/12** (2013.01 - FI); **F24F 11/74** (2017.12 - EP); **F24F 2007/005** (2013.01 - EP FI US); **F24F 2221/14** (2013.01 - EP)

Citation (applicant)

HANS WIGO, TECHNIQUE AND HUMAN PERCEPTION OF INTERMITTENT AIR VELOCITY VARIATION, September 2005 (2005-09-01)

Citation (search report)

- [A] GB 2155170 A 19850918 - WATERLOO GRILLE COMPANY LIMITE
- [A] DE 2847017 B1 19791108 - SCHAKO METALLWARENFABRIK

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EP2860467A1

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

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EP 2339260 A1 20110629; **EP 2339260 B1 20130327**; DK 2339260 T3 20130624; FI 123114 B 20121115; FI 20096337 A0 20091216; FI 20096337 A 20110617

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