

Title (en)

Air-conditioning and recuperating device, preferably a ceiling air distributor

Title (de)

Klimatisierungs- und Rekuperationsgerät, vorzugsweise Decken-Luftverteiler

Title (fr)

Dispositif de climatisation et de récupération, de préférence un distributeur d'air de plafond

Publication

**EP 2757328 A1 20140723 (EN)**

Application

**EP 14000168 A 20140117**

Priority

SI 201300014 A 20130122

Abstract (en)

An air-conditioning and recuperating device, preferably a ceiling air-distributor with a housing (1) in the form of parallelepiped and a main pipe connector (6) with attached plate (5) and a plate (2) with pipe connectors, which comprises at least three pipe connectors (3), which are aligned along a line or several lines, wherein each pipe connector (3) is furnished with two notches, which are adapted for inserting of a protector (8), is furnished with a bottom separator (7), which is placed within said housing (1) and protrudes from the bottom portion thereof, as well as a top separator (8), which protrudes from the top portion thereof, wherein said separators are conceived as integral parts of the uniform corrugated shell of said housing (1) and arranged along the width thereof. The walls of said separators (7, 8) are inclined and on the top semi-circularly interconnected, wherein the width and the height of each separator (7, 8) correspond to approximately a half of the height of the housing (1). A protector (4) is conceived as an interrupted elastic ring having two plates, which are semi-circularly shaped in the middle and furnished with an edge, which is on the one side sharp and on the other side slightly rounded, and moreover consists of a thermoplastic material with good elasticity.

IPC 8 full level

**F16L 37/00** (2006.01); **F24F 13/02** (2006.01); **F24F 13/20** (2006.01)

CPC (source: EP)

**F24F 13/0236** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

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DOCDB simple family (application)

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