

Title (en)

AIR PASSAGE HAVING A HOUSING, AND A CEILING RAFT HAVING AN AIR PASSAGE

Title (de)

LUFTDURCHLASS MIT EINEM GEHÄUSE SOWIE EIN DECKENSEGEL MIT LUFTDURCHLASS

Title (fr)

BOUCHE D'AÉRATION DOTÉE D'UN BOÎTIER ET PLAFOND FLOTTANT DOTÉ D'UNE BOUCHE D'AÉRATION

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Application

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Abstract (en)

[origin: WO2011091886A1] The invention relates to an air passage (1'''), comprising a housing (2), which has an air inlet port (5) for connecting to an air-supply duct and an air outlet surface (7), which is or can be provided with a perforation (8). In order to further develop a known air passage so that the air passage is characterized by a smaller height and can also be used in edge areas of ceilings or for ceiling rafts, according to the invention the air passage (1''') is equipped with a partition (10), which divides an interior of the housing (2) into an inlet space (11) and an outlet space (12), wherein the air inlet port (5) opens into the inlet space (11) and the outlet space (12) is bounded by the air outlet surface (7). Furthermore, a flow-over cross-section (15) is provided according to the invention, said flow-over cross-section forming a flow connection between the inlet space (11) and the outlet space (12), wherein air flowing through the air passage (1, 1', 1'', 1''', 1''''', 1''''') can be deflected by approximately 180° in the area of the flow-over cross-section (15). The invention further relates to a ceiling raft (30) that comprises an air passage (1''') described above.

IPC 8 full level

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CPC (source: EP)

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Cited by

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