

Title (en)

Induction diffuser for air conditioning installations

Title (de)

Induktivdurchlass für klimatechnische Anlagen

Title (fr)

Diffuseur à induction pour dispositif de conditionnement d'air

Publication

EP 1548373 B1 20150722 (EN)

Application

EP 04380267 A 20041222

Priority

ES 200302964 U 20031226

Abstract (en)

[origin: EP1548373A2] This is the description of an induction diffuser, of the type that is anchored to the ceiling of an enclosed area to diffuse non isothermal air towards the inner space of the enclosed area. It has a truncated cone shape and designed inside in a cylindrical shape so it can be connected to the plenum that feeds the treated air. Inside the plenum there are two sub-casings placed one on top of the other, respectively concentric with each other and with the outer casing. They are joined by the perimeter edge of their larger base with respect to a front closing plate, aided by different sized uprights, aligned according to two circumferential lines, equally spaced at an angle and the front closing plate has a central orifice facing the innermost sub-casing, and has a smaller diameter than the base of the latter. The front plate has been designed with a radially variable thickness.

IPC 8 full level

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CPC (source: EP)

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EP 1548373 A2 20050629; **EP 1548373 A3 20091007**; **EP 1548373 B1 20150722**; ES 1056485 U 20040401; ES 1056485 Y 20040716; ES 2549794 T3 20151102

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