

Title (en)

Heat-adjustable diffuser for heating/air conditioning installations

Title (de)

Wärmeeinstellbarer Diffusor für Heizungs-/Klimaanlageinstallationen

Title (fr)

Diffuseur à chaleur réglable pour installations de chauffage/climatisation

Publication

EP 2280231 B1 20181128 (EN)

Application

EP 10382173 A 20100615

Priority

ES 200930185 A 20090615

Abstract (en)

[origin: EP2280231A2] The invention relates to a heat-adjustable diffuser for heating/air conditioning installations, comprising a frame for fixing to a wall on which a pivoting finned core of an air diffuser is assembled for the automatic orientation of the outlet flow according to the temperature of said flow, wherein the automatic orientation of the diffuser is established by means of a heat-expandable element capable of impinging on a lever acting on the body with fins to cause the pivoting, according to its expansion or contraction caused by the heating or cooling of the air, wherein on the frame for fixing there are fixed two L-shaped side plates integrally joined to one another by means of a transverse profile for the support of the automatic positioning mechanism; additionally comprising a graduation scale indicating the pivoting degrees of the body with fins and means for limiting the pivoting in both directions.

IPC 8 full level

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CPC (source: EP)

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