

Title (en)

OPENING FILLINGS WITH A VENTILATION AND SOUND-ABSORBING DEVICE FOR ROOMS

Title (de)

ÖFFNUNGSFÜLLUNG MIT EINER BELÜFTUNGS- UND SCHALLDÄMPFUNGSEINRICHTUNG FÜR RÄUME

Title (fr)

GARNISSAGE D'UNE OUVERTURE AVEC UN DISPOSITIF D'AERATION ET D'INSONORISATION POUR SALLES

Publication

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Application

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Abstract (en)

[origin: WO0046555A1] The invention relates to a ventilation and sound-absorbent device for opening fillings. The opening filling consists of a frame (1) and a leaf (2). The interior side of the leaf is provided with an elongate ventilation element (5). The ventilation element contains a sound-absorbent material (58) which forms the ventilation and sound-absorbent duct (53) which is connected to the interior and to the exterior via a connection element (56). A fan is located inside the ventilation duct. The air flows through the ventilation element in parallel to the plane of the leaf when the leaf is closed. The amount of air can be controlled via the control flap at the opening to the interior. Two ventilation elements can be configured as a heat exchanger.

IPC 1-7

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IPC 8 full level

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