

Title (en)

VENTILATION DEVICE FOR THE PROFILED FRAME OF A LEAF, AND AIR EXCHANGE METHOD AT A WINDOW

Title (de)

LUEFTUNGSGERAET FUER DEN PROFILIERTEN BLENDRAHMEN EINES FLUEGELS UND LUFT-AUSTAUSCHVERFAHREN AM FENSTER

Title (fr)

APPAREIL DE VENTILATION POUR LE DORMANT PROFILÉ D'UN BATTANT, ET PROCÉDÉ D'ÉCHANGE D'AIR AU NIVEAU D'UNE FENÊTRE

Publication

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Application

**EP 12812368 A 20121115**

Priority

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Abstract (en)

[origin: WO2013072871A1] An aim of the invention is to install a ventilation device in a concealed manner in a building. The device is not completely integrated into the stationary frame, protruding in some regions (considered in terms of volume) instead. Despite the ventilation device, the size of the pane of the pivotable/tiltable leaf remains unchanged, i.e. the frame does not become larger (in order to expand inwards and receive the ventilation device), the pane portion of the leaf remaining the same. There are no additionally fitted installation spaces in the frame that impinge on the window pane size in the leaf. The window ventilation device of the invention is adapted to engage into the frame profile (8) for the window or door leaf by a certain distance. The device is provided with a housing (10), the wall sections of which delimit the housing and determine at least two flow paths (S1, S2) in an interior of the housing (10) that can intersect within the housing (10) in a crossing region (9). The housing (10) has four spaced-apart and non-overlapping opening regions (12 to 15) for the inflow or outflow of air, all of which are arranged on a narrow side (10d) of the housing (10).

IPC 8 full level

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