

Title (en)

A SET WITH A ROOF WINDOW, ELECTRIC AND ELECTRONIC ELEMENTS AND AN EXTERIOR SHADING SYSTEM

Title (de)

BAUGRUPPE MIT EINEM DACHFENSTER, ELEKTRISCHEN UND ELEKTRONISCHEN ELEMENTEN UND EINEM AUSSENBSCHATTUNGSSYSTEM

Title (fr)

UN ENSEMBLE AVEC UNE FENÊTRE DE TOIT, DES ÉLÉMENTS ÉLECTRIQUES ET ÉLECTRONIQUES ET UN SYSTÈME D'OMBRAGE EXTÉRIEUR

Publication

EP 3749824 B1 20210901 (EN)

Application

EP 19712116 A 20190216

Priority

- CZ 201882 A 20180219
- CZ 2019050004 W 20190216

Abstract (en)

[origin: WO2019158136A1] The exterior shading system (1) comprises an exterior shading system (1) frame (3) located on the exterior side of a roof window (2) and a set (5) of shading lamellae (4), wherein the frame (3) of the exterior outer shading system (1) carries guiding elements (6) for determining the position of the lamellae (4) and their movement, these guiding elements (6) being arranged so that at all positions of the set (5) of lamellae (4), wherein the set (5) of lamellae (4) at least partially shades the roof window (2), an air gap (7) is provided between the set (5) of lamellae (4) and a glazing unit (2.1) of the roof window (2), having at least two vents (8.1, 8.2) to ventilate this air gap (7). It includes at least one Peltier cell (10), at least one photovoltaic cell (9) and at least one sensor (22.1, 22.2) of climatic variables, these elements being connected to a central unit (11) including a power supply unit (12) with an accumulator and an electronic control unit (13) for storing and/or controlled use of generated electric energy.

IPC 8 full level

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CPC (source: CZ EP)

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Cited by

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