

Title (en)
Curtain wall

Title (de)
Vorgehängte Fassade

Title (fr)
Mur rideau

Publication
EP 1712694 B1 20080702 (EN)

Application
EP 05380068 A 20050408

Priority
EP 05380068 A 20050408

Abstract (en)
[origin: EP1712694A1] It is structured in the form of a bearing sheet made up of a series of profiled plates (1), which run from the ground to the roof, grooved, to form trays with a U-shaped section, which are attached by their central branch to the front edge of the floor slabs and whose side branches (2) serve as supports and spacers for an exterior sheet (7), which forms the exposed face of the front wall, using modular pieces (9) that are mounted on strips (10) suitably attached to the front edge (3) of the trays (1), or panels that are directly secured to those edges if there are no strips. The respective layers (6) of insulation and soundproofing material lie at the bottom of the trays (1), which are still at a considerable distance from the exterior sheet (7), forming a ventilated chamber that also runs from the floor to the roof, while the internal face of the bearing sheet (5) adapts to the insertion of another insulating and soundproofing layer (13), an inner sheet (12), which takes the form of a self-supporting back made up of panels composed of plaster sheets on a galvanised steel structure.

IPC 8 full level
E04B 2/88 (2006.01)

CPC (source: EP)
E04B 2/88 (2013.01); **E04F 13/007** (2013.01); **E04F 17/00** (2013.01)

Cited by
CN102587548A; FR2925543A1; CN109057099A; ES2370304A1; JP2017141628A; US9649831B2; US9328504B2; US9315985B2; WO2014055883A1; WO2013184043A3; WO2009081049A3; US8250820B2; US9546483B2

Designated contracting state (EPC)
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