

Title (en)

MODULAR SHIELDING APPARATUS FOR BUILDING FACADES

Title (de)

MODULARE ABSCHIRMVORRICHTUNG FÜR GEBÄUDEFASSADEN

Title (fr)

APPAREIL DE BLINDAGE MODULAIRE POUR LES FAÇADES DE BÂTIMENTS

Publication

EP 3741952 A1 20201125 (EN)

Application

EP 20176154 A 20200522

Priority

IT 201900007191 A 20190524

Abstract (en)

A modular shielding apparatus (12) for building facades (14) comprises: at least one barrier (16) movable between an open position and a closed position; a support structure (18) for said at least one barrier (16), adapted to be fixed to a building facade (14); at least one sliding guide (20; 22) for said barrier (16); and movement means (24) adapted to move said barrier (16) along a sliding direction (x) on said at least one sliding guide (20; 22) between said open position and said closed position. The at least one barrier (16) comprises at least one barrier element (26; 28) comprising a first panel (262; 282) and a second panel (264; 284). The first and second panels (262, 264; 282, 284) are connected to each other at adjacent edges by hinge means (30; 32) defining a hinge axis (302, 322). The first and second panels (262, 264; 282, 284) are adapted to rotate relative to one another about the hinge axis (302, 322). The first panel (262, 282) is rotatably connected to the support structure (18), and the second panel (264; 284) is provided with sliding means (268, 288) which are adapted to slide with respect to the at least one sliding guide (20; 22) and adapted to allow a relative rotation between the at least one sliding guide (20, 22) and the second panel (264, 284). When the barrier is in the closed position, the first and the second panel (262, 264; 282, 284) have lying planes inclined with respect to one another and with respect to the direction defined by the sliding guide (20; 22), and protrude in the opposite direction with respect to the building facade (14).

IPC 8 full level

E06B 9/06 (2006.01); **E04F 10/10** (2006.01); **E05D 15/26** (2006.01); **E05F 15/605** (2015.01)

CPC (source: EP)

E04F 10/10 (2013.01); **E05D 15/262** (2013.01); **E05F 15/605** (2015.01); **E06B 9/0638** (2013.01); **E06B 9/0669** (2013.01); **E05Y 2900/146** (2013.01)

Citation (search report)

- [X] US 5549148 A 19960827 - FIGUEIREDO PEDRO [US], et al
- [X] US 6148895 A 20001121 - BIGGERS DOUGLAS W [US]
- [X] US 2016168905 A1 20160616 - LIAO KUO-FU [TW], et al
- [A] DE 4140539 A1 19930624 - GARTNER & CO J [DE]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3741952 A1 20201125; IT 201900007191 A1 20201124

DOCDB simple family (application)

EP 20176154 A 20200522; IT 201900007191 A 20190524