

Title (en)

Exit door wing for public places and the like

Title (de)

Ausgangstürflügel für öffentliche Einrichtungen und dergleichen

Title (fr)

Battant de porte de sortie pour lieux publics et similaires

Publication

EP 1978203 A1 20081008 (EN)

Application

EP 07425202 A 20070405

Priority

EP 07425202 A 20070405

Abstract (en)

An exit door wing (1) for public places and the like, of the type that comprises a door wing proper (2), associated with a respective opening of the installation space by way of a fixed pivoting axis which is arranged substantially at one of its perimetric edges. The door wing (1) also comprises a directional locking unit (3), which is associated with the pivoting axis and is controlled by a lever system (2a) which can be operated by a user. The unit (3) comprises a hinge (4) which is fixed to one edge of the opening, a rotatable shaft (5) which is rigidly coupled to the door wing (2) and is pivoted on the hinge (4), and an elastic element (6), which is substantially rigidly coupled to a portion (7) of the shaft (5) and to a part of the hinge (4) which faces the portion (7) and is proximate thereto. The elastic element (6) interferes with the shaft (5) and the hinge (4) in the inactive condition, preventing mutual movements. The shaft (5) and the hinge (4) are disconnected freely only as a consequence of an elastic deformation of the element (6) by way of the action of a force applied by the lever system (2a), actuated by a user, on the element (6).

IPC 8 full level

E06B 11/08 (2006.01); **E05D 11/08** (2006.01)

CPC (source: EP)

E06B 11/085 (2013.01)

Citation (search report)

- [A] EP 1010853 A1 20000621 - BRUEDER SIEGEL GMBH & CO KG [DE]
- [A] DE 20310818 U1 20030918 - WANZL METALLWARENFABRIK KG [DE]
- [A] DE 19524552 A1 19970109 - SCHUBERT PETER THOMAS [DE]
- [A] FR 2721973 A1 19960105 - BOSONNET MAURICE [FR], et al

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 1978203 A1 20081008; **EP 1978203 B1 20100317**; AT E461354 T1 20100415; DE 602007005347 D1 20100429

DOCDB simple family (application)

EP 07425202 A 20070405; AT 07425202 T 20070405; DE 602007005347 T 20070405