

Title (en)

Concealed hinge

Title (de)

Verdecktes Scharnier

Title (fr)

Charnière cachée

Publication

EP 2083141 A2 20090729 (EN)

Application

EP 09151441 A 20090127

Priority

IT TO20080055 A 20080128

Abstract (en)

The present invention relates to a concealed hinge for enabling rotation of one part of a structure relative to another part according to a predetermined limit angle. The hinge (14) includes two opposite wings (41a, 41b) connectable to the respective parts of the structure in order to enable such rotation, and a plurality of levers (42) including a first lever set (421) and a second lever set (422). The first set is pivotally connected to the second set so that the levers in the first set are arranged in mirrored manner with respect to the levers in the second set, and each wing (41a, 41b) has a pair of slots (43a, 43b) in which first ends (53) of said first lever set (421) can be pivotally mounted; and a pair of holes (44a, 44b) in which second ends (54) of said second lever set (422) can be pivotally mounted.

IPC 8 full level

E05D 3/18 (2006.01)

CPC (source: EP)

E05D 3/186 (2013.01)

Citation (applicant)

EP 1538290 A2 20050608 - NOVA FERR S R L [IT]

Cited by

EP2476833A1; ITPD20100022A1

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Designated extension state (EPC)

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DOCDB simple family (publication)

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