

Title (en)

Modular counter-frame for disappearing sliding doors and relevant kit and assembling method

Title (de)

Modulare Gegenzarge für versenkbare Schiebetüre sowie dazugehöriger Bausatz und Montagemethode

Title (fr)

Huissérie modulaire pour portes coulissantes escamotables, kit et méthode de montage

Publication

**EP 2299043 B1 20121212 (EN)**

Application

**EP 10425238 A 20100716**

Priority

IT RM20090458 A 20090911

Abstract (en)

[origin: EP2299043A1] The present invention relates to a modular counter-frame (1) for disappearing sliding doors, of the type that can be installed in an opening (A) of a wall, comprising a base crossbeam (20), an upper crossbeam (30) arranged parallel with respect to said base crossbeam (20:20'), two or more pairs of uprights (40), to which wall panels (83) are fixable by fixing means, such as screws and like, each upright (40) of each pair being faced and spaced with respect the upright (40) of the same pair and coupled with said base crossbeam (20) and with said upper crossbeam (30), the assembly of said pairs of uprights (40), said base crossbeam (20) and said upper crossbeam (30) defining a sliding cavity (60) for a wing, and a linear sliding guide (50) inserted within said upper crossbeam (30) in such way that the ends of said sliding guide (50) extend out from it, wherein sliding means, such as carriages, are moving couplable with said wing, wherein said base crossbeam (20) and said upper crossbeam (30) have respectively a "U" shaped and an inverted "U" shaped cross section and comprise (21,31) coupling elements (22,32) on the lateral walls of said two or more pairs of uprights (40), and wherein said uprights (40) are couplable by snap-fit coupling with said coupling means (22,32) of said upper crossbeam.

IPC 8 full level

**E06B 3/46** (2006.01); **E04B 2/76** (2006.01); **E04B 2/78** (2006.01); **E06B 3/988** (2006.01)

CPC (source: EP)

**E06B 3/4654** (2013.01); **E06B 3/988** (2013.01)

Cited by

EP2660417A1; IT201800004059A1; CN102926626A; IT201800004060A1; RU2768299C1; GB2560144A; GB2560144B; RU2677965C2; RU2682342C2; EP3822448A1; IT201900021072A1; EP2886775A1; EP3789576A1; IT201900015057A1; WO2019185177A1; WO2015181530A1; WO2019185176A1; US11499309B2; US11761202B2; WO2015189681A1; WO2015189683A1

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 SE SI SK SM TR

DOCDB simple family (publication)

**EP 2299043 A1 20110323**; **EP 2299043 B1 20121212**; ES 2398049 T3 20130313; IT 1395877 B1 20121026; IT RM20090458 A1 20110312

DOCDB simple family (application)

**EP 10425238 A 20100716**; ES 10425238 T 20100716; IT RM20090458 A 20090911