

Title (en)
Disappearing sliding door

Title (de)
Versenkbare Schiebetür

Title (fr)
Porte coulissante escamotable

Publication
EP 1731703 A3 20071128 (EN)

Application
EP 06425363 A 20060526

Priority
IT RM20050286 A 20050606

Abstract (en)
[origin: EP1731703A2] The present invention relates to an improved disappearing sliding door, to be provided on a wall (P), said door comprising at least a wing (1), a counter-frame providing a box (6) suitable to contain said at least a wing (1) in the open position of the sliding door, and sliding means provided on said at least a wing (1), suitable to guide said wing between said open position and a plurality of partial closure positions up to a total closure position, wherein it completely closes the wall (P) part destined to the door, and vice versa, said door being characterised in that said at least a wing (1) is comprised of a first and a second panel (2, 3), spaced substantially parallel each other, and in that it provides motion means (5, 7, 8, 9, 17, 18, 19) of said first and second panels (2, 3) between a first maximum proximity position, in correspondence of said door open position, and a second maximum distance position, corresponding to the thickness of the wall (P) on which the door is positioned, in correspondence of said total closure position, wherein it completely closes the wall (P) part destined to the door.

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E05D 15/56 (2013.01); **E06B 3/4654** (2013.01); **E05F 15/603** (2015.01); **E05Y 2900/14** (2013.01)

Citation (search report)
• [XA] DE 10163061 A1 20030605 - WELTER ADRIEN [DE]
• [A] GB 377822 A 19320804 - OSKAR OLOF HULT, et al

Cited by
BE1017826A3; ITUD20090052A1; CN113544354A; US12152423B2; WO2022243091A1; WO2009139016A3; WO2010100546A1

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