

Title (en)
Sliding and swinging door

Title (de)
Schiebedrehtür

Title (fr)
Porte pivotante et coulissante

Publication
EP 1138861 A3 20050316 (DE)

Application
EP 01107144 A 20010322

Priority
DE 10015096 A 20000328

Abstract (en)
[origin: EP1138861A2] The sliding swivel door has door panels (2, 3) guided top and bottom through rotary arms (4, 5). The door panels are opened and closed by a drive motor whereby the drive takes place through a gear block (13) mounted directly between the motor drive (11) and arm or between the motor drive and the locally fixed rotational point (7, 8) of the arm. In the case of a twin-panelled sliding door two motorised drives driven in synchronisation are each provided with a belt or chain drive.

IPC 1-7
E05F 15/12; **E05F 15/14**; **E05D 15/30**

IPC 8 full level
E05D 15/30 (2006.01); **E05F 15/603** (2015.01); **E05F 15/63** (2015.01)

CPC (source: EP)
E05D 15/30 (2013.01); **E05F 15/603** (2015.01); **E05F 15/627** (2015.01); **E05F 15/63** (2015.01); **E05F 17/004** (2013.01); **E05F 15/70** (2015.01); **E05Y 2201/434** (2013.01); **E05Y 2800/73** (2013.01); **E05Y 2900/132** (2013.01); **E05Y 2900/531** (2013.01)

Citation (search report)
• [XAY] US 3675370 A 19720711 - CATLETT JOHN C
• [Y] US 4433505 A 19840228 - VINER GEORGE C [GB]
• [X] GB 836429 A 19600601 - PETERS G D & CO LTD
• [A] US 5762123 A 19980609 - KUYAMA KAZUO [JP], et al

Cited by
CN111140124A; CN107100484A; CN107313680A; IT202000007405A1; CN114876314A; EP1754852A2; WO2004065739A1

Designated contracting state (EPC)
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EP 1138861 A2 20011004; **EP 1138861 A3 20050316**; **EP 1138861 B1 20091007**; AT E445079 T1 20091015; DE 20022518 U1 20011031; DE 50115151 D1 20091119; DK 1138861 T3 20100215; ES 2332985 T3 20100216

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