

Title (en)

Sliding door device, in particular for a clean room

Title (de)

Schiebetürvorrichtung, vorzugsweise für einen Reinraum

Title (fr)

Dispositif pour porte coulissante, en particulier pour salle blanche

Publication

EP 0856631 A3 20020109 (DE)

Application

EP 98101596 A 19980130

Priority

DE 19703768 A 19970201

Abstract (en)

[origin: EP0856631A2] The sliding door(6) is lowered by a guide at an angle to the horizontal from an open to a closed position. The guide arrangement (9,10) comprises parallel first and second guide elements (15,16), and a control (17) for the sliding door comprising elements (7,8) at an angle to each other. The sealing unit has a first and second seal positioned at a top or bottom end part of the sliding door. A third (22) and fourth (23) seal are positioned on upright borders (24-27) of the sliding door. The guide elements have guide sleeves (28-30) mounted on sliding shafts (31,32) the ends (33,34) of which are held in position by fixtures (35-38).

IPC 1-7

E05F 15/14; E05D 15/06; E05F 1/04

IPC 8 full level

E06B 3/46 (2006.01); **E05D 15/06** (2006.01); **E05F 15/652** (2015.01); **E05F 17/00** (2006.01); **E06B 7/22** (2006.01); **E06B 7/23** (2006.01)

CPC (source: EP US)

E05F 15/652 (2015.01 - EP US); **E05F 17/004** (2013.01 - EP US); **E05Y 2201/696** (2013.01 - US); **E05Y 2800/12** (2013.01 - US); **E05Y 2900/132** (2013.01 - EP US)

Citation (search report)

- [A] US 3175254 A 19650330 - BROMANN JR ALBERT H
- [A] US 2878532 A 19590324 - CLARK HENRY B

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0856631 A2 19980805; **EP 0856631 A3 20020109**; DE 19703768 A1 19980813; JP H10220130 A 19980818; US 6098341 A 20000808

DOCDB simple family (application)

EP 98101596 A 19980130; DE 19703768 A 19970201; JP 2078198 A 19980202; US 1762298 A 19980202