

Title (en)
SLIDING AND POSITIONING DEVICE FOR DOORS

Title (de)
SCHIEBE- UND POSITIONIERUNGSVORRICHTUNG FÜR TÜREN

Title (fr)
DISPOSITIF DE POSITIONNEMENT ET DE GLISSEMENT POUR PORTES

Publication
EP 3342967 A1 20180704 (EN)

Application
EP 17211209 A 20171229

Priority
IT 201700000248 A 20170102

Abstract (en)
A sliding and positioning device for at least one main door (AC) and at least one secondary door (AL) of a piece of furniture, or the like, and comprising at least one first opening device (1) fixed on the piece of furniture and to each door (AC, AL). Said first opening device (1) comprises at least one first guide means, elongated and parallel to the main opening and closing direction of the doors (AC, AL). Each main door (AC) is fixed to a respective moving means (7) having a primary carriage means (11), sliding along first rail means (13) which extend along the first guide means (5), and carrying a secondary carriage means (17) connected to the primary carriage means (11) in a sliding way, in a leaving and approaching direction from and to the first rail means (13). Each secondary door (AL) is fixed to respective rolling means (21) sliding along second rail means (23) which extend along the first guide means (5). The device 1 comprises, for each secondary door (AL), a respective transmission means (27), elongated, sliding in a respective longitudinal seat (29), and connected, at one of its ends, to the respective secondary door (AL) by means of a corresponding detachable connection (31), and at the other end to operation means (33) of the secondary carriage means (17). Starting from the total closing condition, the sliding of a secondary door (AL) towards an adjacent main door (AC) causes the detachable connection (31) to trail the transmission means (27) of such secondary door (AL), where the sliding of the transmission means (27) drives the operation means (33) of the secondary carriage means (17) which displace the main door (AC) moving it away from said closing geometric plane allowing the overlapping of such main door (AC) with the open secondary door (AL).

IPC 8 full level
E05D 15/10 (2006.01)

CPC (source: EP)
E05D 15/10 (2013.01); **E05D 2015/1039** (2013.01); **E05Y 2900/20** (2013.01)

Citation (applicant)
EP 1001125 A1 20000517 - POHL METALLTECHNIK GMBH [AT]

Citation (search report)
[A] EP 1001125 A1 20000517 - POHL METALLTECHNIK GMBH [AT]

Cited by
CN112431503A; WO2021253469A1

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 RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3342967 A1 20180704; **EP 3342967 B1 20200520**; IT 201700000248 A1 20180702

DOCDB simple family (application)
EP 17211209 A 20171229; IT 201700000248 A 20170102