

Title (en)
DISASSEMBLABLE HINGE WITH DOUBLE SLIDE

Title (de)
AUSEINANDERNEHMBARES SCHARNIER MIT ZWEI SCHIEBERN

Title (fr)
CHARNIÈRE DÉMONTABLE AVEC DEUX COULISSEAUX

Publication
EP 3473791 A1 20190424 (EN)

Application
EP 18200618 A 20181016

Priority
IT 201700117466 A 20171018

Abstract (en)
Disassemblable hinge comprising: a fixed assembly (2) adapted to be associated with a frame, and comprising a pin (4) defining an axis of rotation of the hinge; a movable assembly (6), adapted to be associated with a door, rotatably mounted on the fixed assembly (2) with reference to the axis of rotation of the hinge. The movable assembly (6) comprises: an engagement portion (8) adapted to be fastened to the door, a first rotatable member (10) rotatably constrained to the engagement portion (8), a first slide (12) slidably mounted to the engagement portion (8). The movable assembly (6) is configured to take: a hinged configuration, in which the first slide (12) and the engagement portion (8) form a seat for the pin (4), wherein the movable assembly (6) is only rotatable about said pin (4); a fully open configuration, in which the movable assembly (6) is removable from the fixed assembly (2); a partially open configuration, in which the movable assembly (6) can translate transversally to the pin (4) with a limited stroke. The first rotatable member (10) is configured to move the first slide (12), thereby moving the movable assembly (6) from the hinged configuration to the partially open configuration. The movable assembly (6) comprises a second slide (13) slidably mounted to the engagement portion (8). In the partially open configuration, the pin (4) is held between the second slide (13) and the engagement portion (8). In order to reach the fully open condition, a user must drag the second slide (13) by acting against a preload or by acting against retaining means adapted to counter the transition towards said fully open condition.

IPC 8 full level
E05D 7/10 (2006.01)

CPC (source: EP)
E05D 7/1061 (2013.01)

Citation (search report)
• [AD] WO 2017063945 A1 20170420 - EMKA BESCHLAGTEILE GMBH & CO KG [DE]
• [AD] EP 2683896 A1 20140115 - ENGINIA S R L [IT]
• [A] FR 2936550 A3 20100402 - RENAULT SAS [FR]

Cited by
US2022136299A1

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)
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