

Title (en)
FITTING ARRANGEMENT

Title (de)
BESCHLAGANORDNUNG

Title (fr)
ENSEMBLE FERRURE

Publication
EP 4045744 B1 20230920 (DE)

Application
EP 20829846 A 20201214

Priority
• DE 102019134407 A 20191213
• EP 2020085967 W 20201214

Abstract (en)
[origin: WO2021116490A1] The invention relates to a fitting assembly for the leaf of a window, a door or similar, comprising a pivot arm which is designed to be secured to the leaf, and which has a support bracket at a strip-side end of its longitudinal extension and with a limb that is angled transverse to the longitudinal extension; the fitting assembly also comprises a bearing strip which is designed to be mounted with a bearing section on a pivot bearing to be provided on the frame of the window or the door and such that it can pivot about an axis of rotation of the pivot bearing, and which has a coupling section which can be coupled to the angled limb of the support bracket of the pivot arm by means of a bayonet closure. The bayonet closure comprises a bayonet pin extending along a pin axis, as well as a bayonet socket, which are designed in such a way that, in order to close the bayonet closure, the bayonet pin is inserted axially into the bayonet socket in relation to the pin axis and then rotated about the pin axis relative to the bayonet socket into a coupling position. In addition, a securing spring having an engaging tongue is provided on the bayonet socket, which is arranged in such a way that, with the axial insertion of the bayonet pin into the bayonet socket, it is impinged by the bayonet pin and deflected against a restoring force of the securing spring axially into a deflection position in relation to the pin axis, and, via the rotation of the bayonet pin into the coupling position, it is released in order to return into a locking position, into which it is transferred due to the restoring force of the securing spring and in which it blocks the bayonet pin against a rotation out of the coupling position.

IPC 8 full level
E05D 3/02 (2006.01); **E05D 5/02** (2006.01); **E05D 7/02** (2006.01); **E05D 7/12** (2006.01); **E05D 15/52** (2006.01)

CPC (source: EP)
E05D 3/02 (2013.01); **E05D 5/0215** (2013.01); **E05D 7/02** (2013.01); **E05D 15/5205** (2013.01); **E05D 2007/128** (2013.01); **E05Y 2201/48** (2013.01); **E05Y 2600/46** (2013.01); **E05Y 2600/528** (2013.01); **E05Y 2900/148** (2013.01)

Citation (examination)
DE 4040233 C2 19941103 - BILSTEIN AUGUST GMBH CO KG [DE]

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

DOCDB simple family (publication)
DE 102019134407 A1 20210617; CN 114829724 A 20220729; EP 4045744 A1 20220824; EP 4045744 B1 20230920; PL 4045744 T3 20240318; WO 2021116490 A1 20210617

DOCDB simple family (application)
DE 102019134407 A 20191213; CN 202080084648 A 20201214; EP 2020085967 W 20201214; EP 20829846 A 20201214; PL 20829846 T 20201214