

Title (en)
FITTING ASSEMBLY

Title (de)
BESCHLAGANORDNUNG

Title (fr)
ENSEMBLE FERRURE

Publication
EP 3973122 A1 20220330 (DE)

Application
EP 19816959 A 20190613

Priority
• DE 102019113334 A 20190520
• TR 2019050435 W 20190613

Abstract (en)
[origin: WO2020236101A1] The invention relates to a fitting assembly with a furniture fitting, in particular a flap holder, by means of which a furniture flap or a door can be pivotally secured to a furniture body. A lock (200) and a mounting (300) are provided, by means of which the furniture flap can be connected to the furniture body in a force- and/or form-fitting manner in a closed position of a kinematic assembly (30) of the furniture fitting. The kinematic assembly (30) has levers and joints, by means of which the furniture flap or the door can be moved from the closed position into an open position. A spring element (38.2) is provided which introduces a pre-tension into the kinematic assembly (30) in an opening direction when the kinematic assembly (30) is in the closed position. The lock (200) and the mounting (300) form a trigger mechanism, by means of which the connection between the lock (200) and the mounting (300) can be released in the closed position of the kinematic assembly. By using such a fitting assembly, a comfortable opening process of a door or flap from the closed position can be produced.

IPC 8 full level
E05B 65/44 (2006.01); **E05C 19/02** (2006.01); **E05D 3/16** (2006.01); **E05D 7/12** (2006.01); **E05D 11/00** (2006.01); **E05F 1/12** (2006.01); **E05F 5/02** (2006.01)

CPC (source: EP US)
E05B 15/022 (2013.01 - EP); **E05B 65/44** (2013.01 - EP); **E05C 19/022** (2013.01 - EP); **E05C 19/024** (2013.01 - EP); **E05D 3/16** (2013.01 - EP US); **E05D 7/125** (2013.01 - EP); **E05D 11/0009** (2013.01 - EP); **E05F 1/1058** (2013.01 - EP US); **E05F 1/1261** (2013.01 - EP US); **E05F 5/02** (2013.01 - EP US); **E05D 2003/163** (2013.01 - EP); **E05Y 2201/218** (2013.01 - EP); **E05Y 2201/22** (2013.01 - EP US); **E05Y 2201/221** (2024.05 - EP); **E05Y 2201/232** (2013.01 - EP); **E05Y 2201/25** (2013.01 - EP US); **E05Y 2201/264** (2013.01 - EP); **E05Y 2201/48** (2013.01 - EP); **E05Y 2201/626** (2013.01 - EP US); **E05Y 2400/3013** (2024.05 - EP); **E05Y 2400/818** (2013.01 - EP); **E05Y 2600/33** (2013.01 - EP); **E05Y 2600/528** (2013.01 - EP US); **E05Y 2600/53** (2013.01 - EP); **E05Y 2600/56** (2013.01 - EP US); **E05Y 2600/58** (2024.05 - EP); **E05Y 2600/62** (2013.01 - EP US); **E05Y 2800/174** (2013.01 - EP US); **E05Y 2800/21** (2013.01 - EP); **E05Y 2800/242** (2013.01 - EP); **E05Y 2800/244** (2013.01 - EP); **E05Y 2800/31** (2024.05 - EP); **E05Y 2800/344** (2013.01 - EP); **E05Y 2800/404** (2013.01 - EP); **E05Y 2800/424** (2013.01 - EP); **E05Y 2800/742** (2013.01 - EP US); **E05Y 2900/20** (2013.01 - EP US)

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)
DE 102019113334 A1 20201126; **DE 102019113334 B4 20220728**; CN 113840969 A 20211224; CN 113840969 B 20230407; EP 3973122 A1 20220330; EP 4112854 A1 20230104; US 11808074 B2 20231107; US 2022259909 A1 20220818; WO 2020236101 A1 20201126

DOCDB simple family (application)
DE 102019113334 A 20190520; CN 201980096548 A 20190613; EP 19816959 A 20190613; EP 22187614 A 20190613; TR 2019050435 W 20190613; US 201917611632 A 20190613