

Title (en)
FLAP FITTING FOR FURNITURE

Title (de)
KLAPPENBESCHLAG FÜR EIN MÖBEL

Title (fr)
FERRURE D'ABATTANT POUR UN MEUBLE

Publication
EP 3918165 B1 20231213 (DE)

Application
EP 20703187 A 20200130

Priority
• DE 102019102491 A 20190131
• EP 2020052258 W 20200130

Abstract (en)
[origin: WO2020157180A1] The invention relates to a flap fitting (10) for furniture, having a lever mechanism (16) comprising multiple levers (17, 19) for guiding a flap of the furniture, wherein the lever mechanism (16) is retracted at least partly into a housing (11) of the lever fitting (10) in a closed position. The flap fitting (16) is characterized in that an auxiliary element (20) is releasably secured to one of the levers (17, 19) of the lever mechanism (16). The auxiliary element (20) has a locking section (22) which blocks a movement of the lever (17, 19) relative to the housing (11) in a locking position. After the lock of the auxiliary element is released, the auxiliary element is pivotally secured to one of the levers (17, 19) of the lever mechanism (16) in order to extend the lever mechanism (16) out of the opening (12) by pulling the auxiliary element (20).

IPC 8 full level
E05D 3/16 (2006.01); **E05D 15/40** (2006.01)

CPC (source: EP KR US)
E05D 3/06 (2013.01 - US); **E05D 3/16** (2013.01 - EP KR); **E05D 11/1007** (2013.01 - US); **E05D 15/40** (2013.01 - EP KR);
E05D 2003/163 (2013.01 - EP KR); **E05Y 2201/10** (2013.01 - EP KR); **E05Y 2600/41** (2013.01 - EP KR); **E05Y 2800/692** (2013.01 - EP KR);
E05Y 2800/696 (2013.01 - EP KR); **E05Y 2900/20** (2013.01 - EP KR US)

Citation (examination)
WO 2018192819 A1 20181025 - HETTICH ONI 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)
WO 2020157180 A1 20200806; AU 2020215770 A1 20210617; CA 3121600 A1 20200806; CN 113227524 A 20210806;
CN 113227524 B 20230502; DE 102019102491 A1 20200806; EP 3918165 A1 20211208; EP 3918165 B1 20231213; ES 2974559 T3 20240627;
KR 20210121086 A 20211007; PL 3918165 T3 20240408; US 11851927 B2 20231226; US 2022098910 A1 20220331

DOCDB simple family (application)
EP 2020052258 W 20200130; AU 2020215770 A 20200130; CA 3121600 A 20200130; CN 202080007184 A 20200130;
DE 102019102491 A 20190131; EP 20703187 A 20200130; ES 20703187 T 20200130; KR 20217025514 A 20200130; PL 20703187 T 20200130;
US 202017424542 A 20200130