

Title (en)
HINGE LOCK

Title (de)
SCHARNIERVERSCHLUSS

Title (fr)
FERMETURE À CHARNIÈRE

Publication
EP 4146889 A1 20230315 (DE)

Application
EP 21724227 A 20210503

Priority
• DE 102020112148 A 20200505
• EP 2021061582 W 20210503

Abstract (en)
[origin: WO2021224189A1] The invention relates to a hinge lock (1) for locking a door leaf (10.1) with respect to a door frame (10.2) and for pivoting the door leaf (10.1) with respect to the door frame (10.2), having a first hinge element (2) for arranging on the door leaf (10.1) and a second hinge element (3) for arranging on the door frame (10.2); the first hinge element (2) and the second hinge element (3) can be locked with respect to one another by means of a bolt (4) which can be moved back and forth in a locking direction (R) between an unlocking position (E) and a locking position (V); the bolt (4) can be moved back and forth between the unlocking position (E) and the locking position (V) by means of a drive rod (6.1) which can be moved transversely to the locking direction (R). The invention further relates to a door (10) having a hinge lock (1).

IPC 8 full level
E05D 7/10 (2006.01); **E05B 63/00** (2006.01); **E05C 9/02** (2006.01); **E05C 9/18** (2006.01); **E05D 15/50** (2006.01)

CPC (source: EP US)
E05B 63/0008 (2013.01 - EP); **E05B 63/0052** (2013.01 - EP); **E05C 1/004** (2013.01 - US); **E05C 1/02** (2013.01 - US); **E05C 9/006** (2013.01 - US);
E05C 9/02 (2013.01 - EP); **E05C 9/025** (2013.01 - US); **E05C 9/1841** (2013.01 - EP); **E05D 3/02** (2013.01 - US); **E05D 11/0027** (2013.01 - EP);
E05D 11/1014 (2013.01 - US); **E05D 15/505** (2013.01 - EP); **E05C 9/021** (2013.01 - EP); **E05C 9/028** (2013.01 - US);
E05D 2011/0045 (2013.01 - EP); **E05Y 2201/638** (2013.01 - EP US); **E05Y 2201/686** (2013.01 - US); **E05Y 2900/20** (2013.01 - US);
E05Y 2900/208 (2013.01 - EP)

Citation (search report)
See references of WO 2021224189A1

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

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
DE 102020112148 B3 20210729; EP 4146889 A1 20230315; US 2023265695 A1 20230824; WO 2021224189 A1 20211111

DOCDB simple family (application)
DE 102020112148 A 20200505; EP 2021061582 W 20210503; EP 21724227 A 20210503; US 202117922671 A 20210503