

Title (en)

LOCK DEVICE AND ACTUATION METHOD OF LOCKSET

Title (de)

SCHLOSSVORRICHTUNG UND VERFAHREN ZUR BETÄTIGUNG EINER SCHLOSSGARNITUR

Title (fr)

DISPOSITIF DE VERROUILLAGE ET PROCÉDÉ D'ACTIONNEMENT D'ENSEMBLE SERRURE

Publication

EP 3896244 A1 20211020 (EN)

Application

EP 20208073 A 20201117

Priority

- TW 109204552 U 20200417
- TW 109125600 A 20200729

Abstract (en)

A lock device is provided and includes a lock assembly in an accommodating space of a housing equipped with a main lock head to actuate the main lock head, an active member secured to the main lock head, a drive member that can actuate the active member, a control structure linked to the drive member, a passive structure that is provided on the housing in a displaceable manner, and an action member linked with the passive structure. Therefore, a user can usually use a target key to lock the emergency door to prevent malicious intruders from breaking in. Moreover, during an emergency, the user only needs to turn the control structure to open the door for fast egress without having to unlock the door with the target key.

IPC 8 full level

E05B 55/12 (2006.01); **E05B 59/00** (2006.01); **E05B 65/10** (2006.01)

CPC (source: CN EP)

E05B 1/003 (2013.01 - CN); **E05B 9/002** (2013.01 - CN); **E05B 13/005** (2013.01 - EP); **E05B 15/00** (2013.01 - CN); **E05B 15/108** (2013.01 - EP); **E05B 47/0012** (2013.01 - CN); **E05B 55/12** (2013.01 - EP); **E05B 59/00** (2013.01 - EP); **E05B 63/146** (2013.01 - CN); **E05B 65/1086** (2013.01 - EP); **E05B 47/0012** (2013.01 - EP); **E05B 2001/0076** (2013.01 - EP)

Citation (search report)

- [XA] US 10526816 B2 20200107 - CHIOU MING-SHYANG [TW], et al
- [XI] US 2008184749 A1 20080807 - ALBER HELMUT [BZ], et al
- [XA] EP 1462592 A2 20040929 - FULLEX LOCKS LTD [GB]
- [XI] EP 1626143 A1 20060215 - FULLEX LOCKS LTD [GB]

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)

EP 3896244 A1 20211020; CN 113530371 A 20211022; CN 113530371 B 20220708; CN 113530376 A 20211022; CN 114991587 A 20220902; CN 114991587 B 20240430; TW 202140907 A 20211101; TW I728884 B 20210521

DOCDB simple family (application)

EP 20208073 A 20201117; CN 202010382897 A 20200508; CN 202010847575 A 20200821; CN 202210532679 A 20200821; TW 109125600 A 20200729