

Title (en)
LOCK ASSEMBLY

Title (de)
VERRIEGELUNGSANORDNUNG

Title (fr)
ENSEMBLE DE VERROUILLAGE

Publication
EP 3670791 A1 20200624 (EN)

Application
EP 18214395 A 20181220

Priority
EP 18214395 A 20181220

Abstract (en)
A lock assembly includes an inner unit, an outer unit and a collar. The collar includes a first slot. The inner unit includes a first part, a first block, a first driving member and an inner spring. The outer unit includes a second part, a second block, a second driving member and an outer spring. When unlocking the lock assembly from outside of the lock assembly, the second lateral piece of the second driving member enters into the first slot, the collar is operated by the second part via the second driving member. When a key is inserted into the lock assembly from the inside, the second driving member is removed off from the first slot, and the first lateral piece enters into the first slot to unlock the lock assembly even if a key or an object is inserted into the lock assembly from outside.

IPC 8 full level
E05B 9/04 (2006.01); **E05B 9/10** (2006.01); **E05B 17/20** (2006.01)

CPC (source: EP)
E05B 9/042 (2013.01); **E05B 9/105** (2013.01); **E05B 17/2092** (2013.01)

Citation (applicant)
EP 2679749 B1 20170913 - LIU TIEN-KAO [TW]

Citation (search report)
• [A] DE 3828354 A1 19900222 - KARRENBURG FA WILHELM [DE]
• [AD] EP 2679749 B1 20170913 - LIU TIEN-KAO [TW]

Cited by
CN113431441A; DE102022114905A1; EP4112856A1

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 3670791 A1 20200624; **EP 3670791 B1 20210519**; ES 2886174 T3 20211216

DOCDB simple family (application)
EP 18214395 A 20181220; ES 18214395 T 20181220