

Title (en)

DOOR LOCK AND DOOR WITH SUCH DOOR LOCK

Title (de)

TÜRSCHLOSS UND TÜR MIT SOLCH EINEM TÜRSCHLOSS

Title (fr)

SERRURE DE PORTE ET PORTE DOTÉE D'UNE TELLE SERRURE

Publication

**EP 3772562 A1 20210210 (EN)**

Application

**EP 19190377 A 20190806**

Priority

EP 19190377 A 20190806

Abstract (en)

A door includes a door panel (2), a door lock (3) and a handle (4) . The door panel (2) has externally and internally facing surfaces (21, 22) defining an accommodation space (24) therebetween. The door lock (3) includes a deadbolt (51) mounted in the accommodation space (24), and a clutch device (6) mounted on and exterior of the externally facing surface (21) . The clutch device (6) includes a clutch unit (62) having a clutch driving member (65) which is rotatable about a first axis (L1) and engaged with a handle (4), an output axle (66) which is rotatable and engaged with a deadbolt (51), and a clutch pin (67) which is operative to move relative to the clutch driving member (65) to be engaged with or disengaged from the output axle (66) to connect or disconnect between the handle (4) and the deadbolt (51) .

IPC 8 full level

**E05B 47/06** (2006.01); **E05B 47/00** (2006.01)

CPC (source: EP)

**E05B 47/0012** (2013.01); **E05B 47/0692** (2013.01); **E05B 2047/0016** (2013.01); **E05B 2047/0058** (2013.01)

Citation (search report)

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- [X] WO 9709501 A1 19970313 - HARROW PRODUCTS INC [US]
- [X] US 2007157684 A1 20070712 - BOGDANOV VICTOR [US], et al
- [X] US 2019119962 A1 20190425 - LIEN CHIH-MIN [TW]

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)

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