

Title (en)

DOOR HANDLE FOR PROVIDING A BUFFERING EFFECT

Title (de)

TÜRGRIFF ZUR BEREITSTELLUNG EINES DÄMPFUNGSEFFEKTS

Title (fr)

POIGNÉE DE PORTE POUR FOURNIR UN EFFET D'AMORTISSEMENT

Publication

**EP 3453817 A1 20190313 (EN)**

Application

**EP 18171745 A 20180511**

Priority

EP 18171745 A 20180511

Abstract (en)

Door handle for providing a buffering effect A door handle has a base (10), a rotator (20), an elastic component (30), a linker (40), and a damper (60). The rotator (20) is engaged through the base (10), and connects to a handle lever (50). The elastic component (30) hooks the base (10) and the rotator (20). The linker (40) is disposed around the rotator (20) and has a pivot rod (44). The damper (60) has a cylinder body (610) mounted to the base (10). A pivot arm (62) of the damper (60) is disposed around a shaft (14) of the base (10) and rotatably mounted to a piston rod (611) of the damper (60). An extending arm (63) is rotatably mounted to the pivot arm (62) and the pivot rod (44), respectively. The strike of the backwardly swinging handle lever (50) is therefore buffered.

IPC 8 full level

**E05B 3/06** (2006.01); **E05B 17/00** (2006.01)

CPC (source: EP)

**E05B 3/065** (2013.01); **E05B 17/0041** (2013.01)

Citation (search report)

- [I] TW M523743 U 20160611 - EVER SILVER IND CO LTD [TW]
- [E] TW M561118 U 20180601 - EVER SILVER INDUSTRIAL CO LTD [TW]

Cited by

US2022349212A1

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 3453817 A1 20190313**

DOCDB simple family (application)

**EP 18171745 A 20180511**