

Title (en)

DOOR HANDLE FOR PROVIDING A BUFFERING EFFECT

Title (de)

TÜRGRIF FÜR 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

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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

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Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

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