

Title (en)  
DOOR FLUSH HANDLE AND METHOD OF OPERATING THE SAME

Title (de)  
FLÄCHENBÜNDIGER TÜRGRIF UND VERFAHREN ZUM BETRIEB DAVON

Title (fr)  
POIGNÉE DE PORTE AFFLEURANTE ET SON PROCÉDÉ DE FONCTIONNEMENT

Publication  
**EP 3581742 A1 20191218 (FR)**

Application  
**EP 18176988 A 20180611**

Priority  
EP 18176988 A 20180611

Abstract (en)  
[origin: WO2019238476A1] A door (p) handle (1) that can be moved between an inoperative position in which the handle is flush with the door and an operative position in which the handle protrudes from the door, said handle (1) comprising a control mechanism comprising a first lever (7), a second lever (6), at least one connecting rod (81,82) having ends linked to the first lever (7) and to the second lever (6) by articulated links (801, 802), at least one of which has a first oblong aperture (811) parallel to said connecting rod (81, 82), elastic return means (61, 71) urging the handle (1) towards the inoperative position, a cam (4), a rod (5) linking said cam (4) to said connecting rod (81,82) and comprising a pin (51), the mechanism being such that said connecting rod (81, 82) further comprises a second oblong aperture (812) parallel to the first oblong aperture (811) and through which the pin (51) of the rod (5) extends in order to make said handle (1) slide from the operative position to the inoperative position in a motorised manner by means of over-travel of said cam (4) when the elastic return means (61,71) are not sufficient.

Abstract (fr)  
L'invention concerne un mécanisme de commande d'une poignée (1) de porte (p) mobile entre une position de repos dans laquelle la poignée (1) affleure la porte (p) et une position de travail dans laquelle la poignée (1) est en saillie par rapport à la porte (p), ledit mécanisme de commande comprenant un premier levier (7), un second levier (6), au moins une biellette (81, 82) ayant des extrémités reliées au premier levier (7) et au second levier (6) selon des liaisons articulées (801, 802) dont au moins l'une présente une première lumière oblongue (811) parallèle à ladite biellette (81, 82), des moyens de rappel élastique (61, 71) de la poignée (1) vers la position de repos, une came (4), une tige (5) reliant ladite came (4) à ladite biellette (81, 82) et comportant un pion (51), le mécanisme étant tel que ladite biellette (81, 82) comprend en outre une seconde lumière oblongue (812) parallèle à la première lumière oblongue (811) et à travers laquelle s'étend le pion (51) de la tige (5) afin de faire coulisser ladite poignée (1) de la position de travail à la position de repos de manière motorisée par une sur-course de la came (4) lorsque les moyens de rappel élastiques (61, 71) ne sont pas suffisants.

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Citation (applicant)  
• EP 3106596 A1 20161221 - U-SHIN ITALIA S P A [IT]  
• WO 2011086144 A1 20110721 - JAGUAR CARS [GB], et al

Citation (search report)  
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• [A] US 2016298366 A1 20161013 - OCH ROLAND [DE]

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