

Title (en)
DOOR HANDLE ARRANGEMENT WITH INNER AND OUTER HANDLE

Title (de)
TÜRGRIFFANORDNUNG MIT INNEN- UND AUSSENGRIFF

Title (fr)
AGENCEMENT DE POIGNÉE DE PORTE AVEC POIGNÉE INTERNE ET EXTERNE

Publication
EP 3904623 A1 20211103 (EN)

Application
EP 20171625 A 20200427

Priority
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Abstract (en)
The present invention relates to a door handle arrangement (1) for arrangement on a door (100), the door handle arrangement comprising an outer handle (10) configured to be arranged on a first side of the door (100), an inner handle (20) configured to be arranged on a second side of the door (100), opposite said first side, a cam unit (30) moveable between a locking position in which it is configured to lock, when in use, a door (100) relative the door frame (110), and an open position in which it is configured to, when in use, enable opening of the door (100) relative to the door frame (110), an actuation mechanism (40) configured to translate operation of the outer handle (10) and the inner handle (20) to movement of the cam unit (30) between the locking position and the open position, an outer handle lock (50) configured to, in a locking state prevent operation of the actuation mechanism (40) by means of the outer handle (10), and to, in an unlocking state, enable operation of the actuation mechanism (40) to move the cam unit (30) to the locking position or open position, wherein operation of the actuation mechanism (40) is enabled by means of the inner handle (20) irrespective of the state of the outer handle lock (50).

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Citation (search report)

- [XA] DE 3037623 A1 19820422 - TELEWIG WEIGELT GMBH & CO KG [DE]
- [XA] EP 1344882 A2 20030917 - STEINBACH & VOLLMANN [DE]
- [X] EP 2581528 A1 20130417 - PASTORE & LOMBARDI SRL [IT]
- [X] EP 0919680 A1 19990602 - STEINBACH & VOLLMANN [DE]
- [A] US 2001027666 A1 20011011 - NEELEY ROCKY E [US]
- [A] EP 2213817 A2 20100804 - DORMA GMBH & CO KG [DE]

Designated contracting state (EPC)
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