

Title (en)
FLUSH BOLT AND DOOR SEALING SYSTEM

Title (de)
KANTRIEGEL UND TÜRDICHTUNGSSYSTEM

Title (fr)
VERROU ET SYSTÈME D'ÉTANCHÉITÉ DE PORTE

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EP 3071767 A1 20160928 (DE)

Application
EP 14802609 A 20141110

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Abstract (en)
[origin: WO2015074902A1] The invention relates to a flush bolt that can be automatically actuated comprising a fastening rail (4) for fastening the flush bolt in or on a door leaf, an actuating mechanism (5), and a locking bolt (6) having a longitudinal center axis (a). The actuating mechanism (5) comprises a triggering element (50) for automatically displacing the locking bolt (6) from an initial position to a locking position and a return spring (55) for returning the locking bolt (6) from the locking position to the initial position. The flush bolt has automatic bypassing, which automatically bypasses the actuating mechanism in the event of misalignment of the locking bolt (6) in order to prevent complete lowering of the locking bolt (6) into the locking position. The actuating mechanism also has a displacing element (52), on which the locking bolt (6) lies by means of an entraining element (8), wherein the locking bolt (6) can be brought into the locking position by movement of the displacing element (52) and wherein the displacing element (52) can be brought into the initial position together with the entraining element (8) lying thereon and the locking bolt (6) by means of the return spring (55). The locking bolt (6) can be displaced together with the entraining element (8) in relation to the displacing element (52) in the direction of the longitudinal center axis (a), wherein the bypassing occurs by means of this displacement capability. Said flush bolt can be employed in particular for use together with a drop-down seal.

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See references of WO 2015074902A1

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