

Title (en)

LATCH MECHANISM FOR A CLEANING DEVICE

Title (de)

VERRIEGELUNGSMECHANISMUS FÜR EIN REINIGUNGSGERÄT

Title (fr)

MÉCANISME DE VERROUILLAGE POUR UN DISPOSITIF DE NETTOYAGE

Publication

EP 4110151 B1 20240717 (EN)

Application

EP 21708353 A 20210223

Priority

- GB 202002721 A 20200226
- GB 2021050442 W 20210223

Abstract (en)

[origin: GB2592394A] A latch mechanism for a cleaning device, the latch mechanism being provided on a portion of the cleaning device for releasable engagement with a keep, the latch mechanism comprises a frame 102 supporting a latch member 106, an actuating assembly 104 and an end wall 120, the latch member being moveable linearly along an axis X between an extended position and a retracted position, the latch member being biased towards its extended position and the actuating assembly providing a contact member 104 moveable between an initial position and an actuating position, wherein the latch mechanism is configured such that a head 108 of the latch member extends beyond the end wall of the frame when the latch member is in its extended position and wherein a contact portion 118 of the contact member abuts an engagement surface 112 of the latch member, the engagement surface being disposed at an angle offset from the axis X such that movement of the contact member against the engagement surface in a direction transverse to the axis X causes movement of the latch member towards its retracted position so as to retract the head of the latch member to a position level with or recessed from the end wall of the frame.

IPC 8 full level

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