

Title (en)
ACTUATION MECHANISM OF TELESCOPING VACUUM CLEANER WAND

Title (de)
BETÄTIGUNGSMECHANISMUS BEI TELESKOPIERBAREN STAUBSAUGERROHREN

Title (fr)
MECANISME D'ACTIONNEMENT DU TUYAU TELESCOPIQUE D'UN ASPIRATEUR

Publication
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Application
EP 16190666 A 20160926

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Abstract (en)
[origin: CN106859503A] The invention relates to an actuation mechanism which comprises the components of a clamping element, a base board with a locking groove, and a locking element which is movably held on the locking groove of the base board, wherein the clamping element is parallelly and movably held relative to the base board so that the clamping element can move from a locking position to an unlocking position. The clamping element moves the locking element in a locking position through the locking groove of the base board in a direction to an inner tube so that the locking element is connected with a locking recessed part. The clamping element releases the locking element at the unlocking position for separating from the inner tube so that movement of the inner tube relative to an outer tube is released through the locking element. A control mechanism which has lowest locking risk and can realize low-noise movement in a controlled condition is realized through a fact that the locking element is held by a spring element which is configured on the base board, wherein at the unlocking position of the clamping element, the locking element is removed from the inner tube by the spring element through a spring force so that the locking element is not connected with the locking recessed part of the inner tube.

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