

Title (en)
APPARATUS FOR TRANSPORTING BUTTON OR BUTTON FASTENER

Title (de)
KNOPF- UND KNOPFVERSCHLUSSTRANSPORTVORRICHTUNG

Title (fr)
BOUTON ET DISPOSITIF DE TRANSPORT D'ÉLÉMENT DE FIXATION DE BOUTON

Publication
EP 2888966 B1 20191030 (EN)

Application
EP 12883177 A 20120824

Priority
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Abstract (en)
[origin: EP2888966A1] An apparatus for transporting a button fastener (20) to a button fastening section (110), the button fastener (20) having a disk-like base (21) and two pins (22) protruding from the base (21) is provided. The apparatus comprises: a transport path (122) for allowing the button fastener (20) to pass through while keeping its up-and-down posture constant; a pusher (123) for moving the button fastener (20) from an upstream side to a downstream side in the transport path (122); and an adjustment mechanism for adjusting a circumferential orientation of the button fastener (20) which is moving through the transport path (122) to a constant predetermined circumferential orientation. The adjustment mechanism includes: a rotation providing member (133) for rotating the button fastener (20) to be oriented toward the predetermined circumferential orientation by contacting the base (21) of the button fastener (20) which deviates from the predetermined circumferential orientation in the circumferential direction, and a constraining member (140) which is biased by an elastic member (138) to be positioned in an initial position where the constraining member (140) can constrain the pins (22) against one side surface (121a) of the transport path (122). The constraining member (140) is displaced from the initial position by contacting the pins (22) out of the predetermined circumferential orientation.

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