

Title (en)
SELF-CONTAINED BUTTON ATTACHMENT ASSEMBLY

Title (de)
AUTONOME ANORDNUNG FÜR KNOPFBEFESTIGUNG

Title (fr)
ENSEMBLE AUTONOME POUR LA FIXATION DE BOUTONS

Publication
EP 0790789 A4 19980114 (EN)

Application
EP 95938908 A 19951011

Priority
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• US 32153594 A 19941011

Abstract (en)
[origin: WO9610940A1] A self-contained button attachment assembly comprising a fastener dispensing tool (11) which includes a hollow, open-ended, unitary housing (19) generally cylindrical in shape. Four hollow, slotted needles (27-1 through 27-4) are fixedly mounted in the housing. Four ejector rods (35-1 through 35-4) are slidably mounted within the four needles, the four ejector rods being fixedly mounted at their respective top ends on a pusher plate (37) that is slidably mounted within the housing and is accessible through the open top end thereof. The assembly also comprises a conventional garment button (17) of the type having four transverse openings. The button is positioned and releasably retained within the housing by a circumferential lip (25). The assembly further comprises a pair of fasteners (15-1, 15-2), each fastener comprising a U-shaped flexible filament (43) and a pair of transverse feet (45-1, 45-2) which are disposed at opposite ends of the filament and extend perpendicularly to the plane of the filament.

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Citation (search report)
• [X] US 3440984 A 19690429 - HOFÉ EUGENE F
• [X] WO 9413167 A1 19940623 - AVERY DENNISON CORP [US], et al
• [X] DE 1805474 A1 19691218 - DENNISON MFG CO
• See references of WO 9610940A1

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US 9513835 W 19951011; AU 4011795 A 19951011; EP 95938908 A 19951011; TW 84111842 A 19951108