

Title (en)

Apparatus for manufacturing slide fasteners with flies.

Title (de)

Vorrichtung zum Herstellen von Reissverschlüssen mit Deckbändern.

Title (fr)

Appareil pour fabriquer des fermetures à glissière munies de pattes pour braguettes.

Publication

EP 0141280 A2 19850515 (EN)

Application

EP 84111829 A 19841003

Priority

- JP 18875383 A 19831007
- JP 19449683 A 19831018

Abstract (en)

An apparatus automatically manufactures a succession of slide fasteners (22) with flies (14) from a continuous slide fastener chain (10) having a pair of intermeshed rows of coupling elements (12) with element-free spaces (13) therein and stringer tapes (11) supporting the rows of coupling elements (12), respectively, with the flies (14) sewn to one of the tapes (11). The apparatus includes a feed path (29) along which the chain (10) can be fed along, a fly folder (26) in the feed path (29) for folding one of the flies (14) on itself at a time, a slider applicator (27) in the feed path (29) for mounting one of the sliders (17) at a time on the rows of coupling elements (12), a feed roller assembly (32) for feeding the chain (10) along the feed path (29) in selective engagement with the intermeshed rows of coupling elements (12), a bottom stop applicator and chain cutter (28) in the feed path (29) for applying a bottom stop (21) to the rows of coupling elements (12) and cutting off the chain (10) across one of the element-free spaces (13) to produce a slide fastener (22) with a fly (14), and a discharge roller assembly (33) actuatable in synchronism with the feed roller assembly (32) for discharging the produced slide fastener (22) with the fly (14).

IPC 1-7

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IPC 8 full level

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EP 0141280 A2 19850515; **EP 0141280 A3 19851030**; **EP 0141280 B1 19880706**; AU 3358084 A 19850418; AU 557957 B2 19870115; BR 8405128 A 19850827; CA 1231227 A 19880112; DE 3472526 D1 19880811; ES 536893 A0 19850801; ES 8506435 A1 19850801; FI 77144 B 19881031; FI 77144 C 19890210; FI 843854 A0 19841001; FI 843854 L 19850408; GB 2147945 A 19850522; GB 2147945 B 19870107; GB 8425229 D0 19841114; HK 21189 A 19890317; KR 850003320 A 19850617; KR 860000519 B1 19860508; SG 80988 G 19890421

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