

Title (en)

Apparatus for inspecting top end stops of slide fastener.

Title (de)

Vorrichtung zum Prüfen von oberen Endgliedern eines Reissverschlusses.

Title (fr)

Dispositif d'inspection des butées d'extrémité supérieure d'une fermeture à glissière.

Publication

**EP 0641529 A3 19960424 (EN)**

Application

**EP 94112927 A 19940818**

Priority

JP 25621993 A 19930907

Abstract (en)

[origin: EP0641529A2] An apparatus (13) for automatically inspecting top end stops (2) of a slide fastener (1) while the slide fastener (1) is fed by pulling it by grippers (9) toward a discharge station, with a slider (6) having a pull tab (7) and a bottom end stop (5) attached to the slide fastener (1), wherein an image sensor or camera (14) is disposed adjacent to the feed path on an upstream side of the discharge station to read an image of the top end stops (2) for inspecting an attached condition of the top end stops (2) effected on data of the image read by the camera (14) using an image-processing technique, and a fastener support unit (16) is disposed in the feed path upstream of the camera (14) for supporting a portion of the slide fastener (1) in the vicinity of the bottom end stop (5) to keep the slide fastener (1) stable while the image of the top end stops (2) is read by the camera (14). <IMAGE>

IPC 1-7

**A44B 19/60**

IPC 8 full level

**A44B 19/42** (2006.01); **A44B 19/60** (2006.01)

CPC (source: EP KR)

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Citation (search report)

- [A] EP 0111305 A2 19840620 - YOSHIDA KOGYO KK [JP]
- [A] EP 0414553 A2 19910227 - YOSHIDA KOGYO KK [JP]
- [A] EP 0269912 A1 19880608 - YOSHIDA KOGYO KK [JP]
- [A] EP 0109643 A1 19840530 - YOSHIDA KOGYO KK [JP]

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