

Title (en)
Guiding device for a workpiece.

Title (de)
Arbeitsstück-Führungsvorrichtung.

Title (fr)
Dispositif de guidage de l'ouvrage.

Publication
EP 0014259 A1 19800820 (DE)

Application
EP 79105334 A 19791221

Priority
DE 7902807 U 19790202

Abstract (en)
[origin: US4276837A] A device for feeding to a sewing machine a strip of fabric, in particular a longitudinally folded band to serve as a pocket welt, comprises a generally oval-shaped guide mountable on the sewing-machine base and provided with sides shaped as U-profiles and with a tongue at an output end for folding a fabric strip upon passage thereof along a feed path to a sewing station at the machine. A beam of light from a gallium-arsenide source traverses the feed path in the region of the tongue to energize a photocell upon passage of a workpiece, the photocell being connected to a stitch counter for activating the same upon energization by the source. The guide has a length scale with graduations spaced in the direction of the feed path for implementing the manual positioning of a fabric strip prior to the feeding thereof to the sewing station, while the stitch counter is operationally coupled to the reciprocating sewing-needle drive to arrest the same upon counting a predetermined number of stitches. The positioning of a fabric strip via the scale and the automatic stopping of the sewing-machine drive by the photocell-activated counter ensure a precise positioning of a final stitch relative to a sewn welt.

Abstract (de)
Faltvorrichtung zum Falten eines Paspelstreifens für Tascheneingriffe ohne Patte, mit Mitteln zur Nahtlagenfestlegung, dadurch gekennzeichnet, daß eine Anlegeskala (7) zur Arbeitsstück-Positionierung sowie eine die Hinterkante des Arbeitsstückes erfassende Durchlichtschränke (4,5) vorgesehen sind.

IPC 1-7
D05B 35/06

IPC 8 full level
D05B 3/10 (2006.01); **D05B 35/02** (2006.01); **D05B 35/06** (2006.01); **D05B 65/00** (2006.01)

CPC (source: EP US)
D05B 35/062 (2013.01 - EP US); **D05B 65/00** (2013.01 - EP US); **D05D 2209/02** (2013.01 - EP US); **D05D 2209/10** (2013.01 - EP US); **D05D 2305/345** (2013.01 - EP US)

Citation (search report)

- DE 2448887 A1 19760422 - PFAFF IND MASCH
- DE 1013154 B 19570801 - TEXTILE TRIMMING & BOARDING MA

Cited by
FR2710662A1

Designated contracting state (EPC)
BE CH FR GB IT

DOCDB simple family (publication)
EP 0014259 A1 19800820; **EP 0014259 B1 19830921**; DE 7902807 U1 19790510; JP S55125894 A 19800929; JP S6241037 B2 19870901; US 4276837 A 19810707

DOCDB simple family (application)
EP 79105334 A 19791221; DE 7902807 U 19790202; JP 1194980 A 19800201; US 11777080 A 19800201