

Title (en)

Device for applying soft-elastic grommets on electric cable ends

Title (de)

Vorrichtung zum Aufbringen von weichelastischen Dichtungs- Tüllen auf elektrische Leitungsenden

Title (fr)

Dispositif pour appliquer des manchons élastiques souples sur l'extrémité des câbles électriques

Publication

EP 0462923 B1 19960110 (DE)

Application

EP 91710022 A 19910603

Priority

DE 4019483 A 19900619

Abstract (en)

[origin: EP0462923A2] In a device (10A) for applying soft-elastic grommets on electric cable ends, in particular for plug elements protected against moisture, a sorting conveyor (11) is provided which feeds up the particular grommet in the vertical position of its longitudinal central axis. Adjoining this sorting conveyor downstream of the conveying flow is a conveying device (20; 23) which moves each grommet into a horizontal assembly position of its longitudinal central axis. The grommet is received in this assembly position by a sleeve-type tool (20), which has the same axis and serves the temporary centring reception of the insulated or stripped cable end, and/or by a centring mandrel (23). Moreover, a jaw-type tool (31) having at least two gripping jaws is provided, which grips the grommet and holds it fixed in space. The jaw-type tool (31) holds the grommet during the translatory introduction of the cable end into position. A reliable, quick mode of operation is achieved because the sleeve-type tool (20) and/or centring mandrel (23) are simultaneously constructed as a conveying device. These pass on the respective grommet following the sorting conveyor (11) in the horizontal assembly position of the longitudinal central axis of the grommet to the jaw-type tool (31). <IMAGE>

IPC 1-7

H01R 43/00

IPC 8 full level

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H01R 43/00 (2013.01); **H01R 43/005** (2013.01)

Cited by

EP2709217A1; CN103296556A; CN103682935A; EP1689049A1; FR2787623A1; EP0881720A3; CN114559239A; EP0626738A1; US5432996A; US7363703B2; US9496076B2; US9352430B2; US9653865B2; US10348031B2; US9649737B2; US10427267B2; US10814450B2

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