

Title (en)  
DEVICE FOR APPLYING SOFT-ELASTIC GROMMETS ON ELECTRIC CABLE ENDS

Publication  
**EP 0462923 A3 19920311 (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>

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IPC 8 full level  
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CPC (source: EP)  
**H01R 43/00** (2013.01); **H01R 43/005** (2013.01)

Citation (search report)  
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• [XP] FR 2650126 A1 19910125 - MECANISMOS AUX IND [ES]  
• [A] DE 8808995 U1 19891116  
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