

Title (en)

Apparatus for assembling grommet to lead

Title (de)

Gerät zum Anbringen eines Leitungsdurchführungspfropfens

Title (fr)

Appareil pour l'assemblage de traversées pour conducteurs électriques

Publication

**EP 0881720 A3 19990721 (EN)**

Application

**EP 98109293 A 19980522**

Priority

- EP 98109293 A 19980522
- EP 97401208 A 19970530

Abstract (en)

[origin: EP0881720A2] A grommet assembly apparatus comprises a grommet mounting device (32) having an expansion sleeve (68) for receiving grommets (14) thereon. Grommets (14) are transferred from a grommet feed channel (44) onto the expansion sleeve (68) by a movable transfer pin (56) having a pointed tip (58) that inserts into the expansion sleeve cavity (70). Compressed air is provided in the expansion sleeve cavity (70) to prevent the grommet pinching between the cavity and pin, thereby ensuring a smooth insertion of the grommet over the expansion sleeve (68).  
<IMAGE>

IPC 1-7

**H01R 43/00**

IPC 8 full level

**H01R 43/00** (2006.01)

CPC (source: EP)

**H01R 43/005** (2013.01)

Citation (search report)

- [XY] EP 0462923 A2 19911227 - MICHELS GMBH & CO KG [DE], et al
- [Y] US 5315757 A 19940531 - KOCH MAX [CH], et al
- [A] FR 2650126 A1 19910125 - MECANISMOS AUX IND [ES]
- [A] EP 0159006 A2 19851023 - SUMITOMO ELECTRIC INDUSTRIES [JP], et al

Cited by

EP2320527A1; EP3316424A1; DE102017209825A1; WO2011054619A1; CN113783068A; EP1443614A1; CN114559239A; CN102714390A; EP1022821A1; CN108406251A; CN107994438A; US7318274B2; US9653865B2; US10348031B2; US9496076B2; US9077135B2; US9649737B2; US10427267B2; US10814450B2; US9352430B2

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