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(54) **Device for connecting cables**

(57) A connecting device for securely connecting cables comprises a first cable, a male coupling, a male terminal assembly, a second cable, a female coupling, and a female terminal assembly. The first and second cables are threadedly secured to the male and female

couplings respectively. The female coupling comprises a forward recess and a sealing ring therein. Once the male and female couplings are coupled, a sealing structure is formed as a projection of the male coupling is urged against the ring and the recess. The device is simple in structure, waterproof, and reliable.

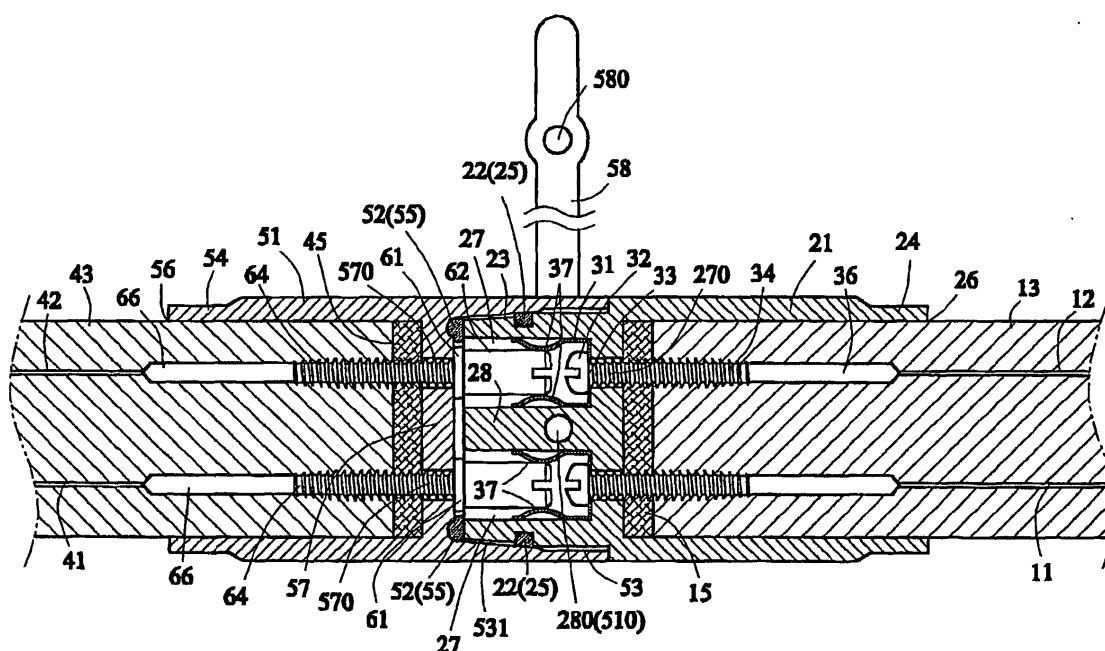


Fig. 3

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EUROPEAN SEARCH REPORT

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EP 03 25 4215

| DOCUMENTS CONSIDERED TO BE RELEVANT | | | |
|---|--|----------------------------------|--|
| Category | Citation of document with indication, where appropriate, of relevant passages | Relevant to claim | CLASSIFICATION OF THE APPLICATION (Int.C1.7) |
| A | US 5 110 302 A (KOBLE ROBERT J) 5 May 1992 (1992-05-05) * figure 3b * ----- | 1, 8, 20 | H01R4/24 H01R12/08 H01R13/52 |
| | | | TECHNICAL FIELDS SEARCHED (Int.C1.7) |
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| The present search report has been drawn up for all claims | | | |
| Place of search | | Date of completion of the search | Examiner |
| The Hague | | 2 September 2004 | Corrales, D |
| <p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p> | | | |

EPO FORM 1503 03/82 (P04C01)

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| Patent document cited in search report | Publication date | Patent family member(s) | Publication date |
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| US 5110302 | A | 05-05-1992 | NONE |

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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82