

Title (en)  
Multifilament wire

Title (de)  
Mehradrigger Verseilverband

Title (fr)  
Fil conducteur multi-filaments

Publication  
**EP 1577901 A1 20050921 (DE)**

Application  
**EP 04290643 A 20040310**

Priority  
EP 04290643 A 20040310

Abstract (en)  
The assembly has four wires e.g. synthetic insulated wires, each including an electrical conductor (1) and a layer (2) of insulated material e.g. polyethylene. The wires are encased by a long shrinkable band (3) that is formed from a water permeable and expandable fleece. Long edges (3a) of the bands extend into spaces formed between the wires as water enters the assembly. An independent claim is also included for a process of manufacturing a stranded assembly for a communication cable.

Abstract (de)  
Ein mehradriger Verseilverband für ein längswasserdichtes Nachrichtenkabel ist von einem längseinflaufenden Band (3) aus einem bei Wasserzutritt quellendem Material umhüllt. Zumindest eine der Längskanten (3a) des Bandes (3) dringt in den zwischen den Adern befindlichen Zwickel des Verseilverbandes ein. <IMAGE>

IPC 1-7  
**H01B 7/28**; **H01B 7/02**

IPC 8 full level  
**H01B 7/02** (2006.01); **H01B 7/28** (2006.01); **H01B 7/288** (2006.01)

CPC (source: EP)  
**H01B 7/288** (2013.01)

Citation (search report)

- [A] GB 1565385 A 19800423 - BOREL & CIE EXPL CABL EL SYST, et al
- [A] DE 19839900 A1 20000323 - KAISER KWO KABEL TELEKOM GMBH [DE]
- [A] GB 2080998 A 19820210 - PIRELLI TREFICABLE
- [A] US 3328514 A 19670627 - COGELIA NICHOLAS J
- [A] EP 1215686 A2 20020619 - NEXANS [FR]

Cited by  
AU2011254548B2; KR101417569B1; WO2011144740A1; US7411132B1; US7750244B1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1577901 A1 20050921**; **EP 1577901 B1 20100609**; AT E470940 T1 20100615; DE 502004011260 D1 20100722; ES 2346652 T3 20101019

DOCDB simple family (application)  
**EP 04290643 A 20040310**; AT 04290643 T 20040310; DE 502004011260 T 20040310; ES 04290643 T 20040310