

Title (en)  
Cable connector

Title (de)  
Kabelanschlusselement

Title (fr)  
Connecteur pour cables

Publication  
**EP 0980117 A3 20000816 (DE)**

Application  
**EP 99114714 A 19990728**

Priority  
DE 19836622 A 19980813

Abstract (en)  
[origin: EP0980117A2] The connector includes a cable take-up and guide axially fixed in a wrap around nut. The connector has a cable terminal part (2) and a device terminal part (3) or a first and a second cable terminal part. One of these parts has a wrap around nut (4), a fiber take up and guide part (5) , a clamp and connector unit (8) with a cutting clamp (6) and connector elements (7), and a sleeve type connector body (10) with and outer thread corresponding to the inner thread of the nut. The fiber ends to be connected to the clamps and the clamps are at an angle less than 180 degrees. When the nut is tightened onto the connector body, the clamps cut through the fiber insulation and make contact with the conductor. The fiber take up and guide part (5) is axially fixed in the nut (4). Alternatively, fiber guide channels in the take up and guide part run coaxially to each other and are open at the end or open into radially outwardly open contact pockets.

IPC 1-7  
**H01R 13/59**; **H01R 4/24**; **H01R 13/58**

IPC 8 full level  
**H01R 4/24** (2006.01); **H01R 13/58** (2006.01); **H01R 13/59** (2006.01); **H01R 13/622** (2006.01)

CPC (source: EP)  
**H01R 4/2433** (2013.01); **H01R 13/59** (2013.01); **H01R 13/622** (2013.01)

Citation (search report)  
• [XDA] DE 29512585 U1 19951130 - PHOENIX CONTACT GMBH & CO [DE]  
• [XD] DE 3150568 C1 19830224 - SIEMENS AG  
• [XD] DE 3220006 C1 19831027 - SIEMENS AG  
• [A] US 5755589 A 19980526 - KOCH JOERG [DE]  
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**EP 0980117 A2 20000216**; **EP 0980117 A3 20000816**; **EP 0980117 B1 20021204**; AT E229237 T1 20021215; AT E266267 T1 20040515; DE 19836622 A1 20000323; DE 19836622 C2 20030327; DE 59903627 D1 20030116; DE 59909430 D1 20040609; EP 1158623 A1 20011128; EP 1158623 B1 20040506; ES 2187104 T3 20030516; ES 2219455 T3 20041201

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**EP 99114714 A 19990728**; AT 01114530 T 19990728; AT 99114714 T 19990728; DE 19836622 A 19980813; DE 59903627 T 19990728; DE 59909430 T 19990728; EP 01114530 A 19990728; ES 01114530 T 19990728; ES 99114714 T 19990728