

Title (en)

IMPROVED FIBEROPTIC CONNECTOR AND IMPROVED FIBEROPTIC CONNECTOR SPLICE

Title (de)

VERBESSERTER FASEROPTISCHER STECHER UND VERBESSERTER FASEROPTISCHER STECKER-SPLEISS

Title (fr)

CONNECTEUR A FIBRES OPTIQUES AMELIORE ET EPISSURE AMELIORE POUR CONNECTEUR A FIBRES OPTIQUES

Publication

**EP 0912909 A4 20050504 (EN)**

Application

**EP 97934168 A 19970715**

Priority

- US 9712340 W 19970715
- US 68365696 A 19960715

Abstract (en)

[origin: WO9802767A1] A fiberoptic connector for engagement to the end of a fiberoptic cable (12) has an inner terminus member (24) that is mechanically, frictionally engaged to an optical fiber portion of the fiberoptic cable (12). There is also an outer terminus member (28) that is mechanically, frictionally mounted upon the optical fiber. The outer terminus member (28) has a terminus bore formed therein, having a cone shaped impact mount surface. The inner terminus member (24) is disposed within the terminus bore, such that the cone shaped impact mount surface is disposed in contact with an impact mount surface of the inner terminus member. The fiberoptic connector splice for the aligned interconnection of two fiberoptic connectors includes a first alignment sleeve portion to align first portions of the fiberoptic connectors, and a second alignment sleeve portion to align second portions of the fiberoptic connectors. The two sleeve portions may be a part of a single alignment sleeve member.

IPC 1-7

**G02B 6/36**; **G02B 6/255**

IPC 8 full level

**G02B 6/36** (2006.01); **G02B 6/38** (2006.01)

CPC (source: EP KR)

**G02B 6/36** (2013.01 - KR); **G02B 6/3835** (2013.01 - EP); **G02B 6/3874** (2013.01 - EP)

Citation (search report)

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- [X] PATENT ABSTRACTS OF JAPAN vol. 002, no. 065 (E - 034) 18 May 1978 (1978-05-18)
- See references of WO 9802767A1

Designated contracting state (EPC)

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**US 9712340 W 19970715**; CA 2263494 A 19970715; CN 97197614 A 19970715; EP 97934168 A 19970715; JP 50626298 A 19970715; KR 19997000255 A 19990115