

Title (en)  
SUBMARINE OPTICAL CABLE JOINT WITH TERMINATING SOCKETS

Title (de)  
UNTERSEEWASSERVERBINDUNG VOM OPTISCHEN KABEL MIT ABSCHLUSSBUCHSE

Title (fr)  
DISPOSITIF POLYVALENT SERVANT A ACCOUPLER DES CABLES SOUS-MARINS A FIBRES OPTIQUES ET COMPORTANT DES CULOTS POLYVALENTS

Publication  
**EP 1012649 A1 20000628 (EN)**

Application  
**EP 97946839 A 19971008**

Priority  
• US 9718075 W 19971008  
• US 72865296 A 19961010

Abstract (en)  
[origin: WO9815864A1] A universal submarine fiber-optic cable joint is provided with universal terminating sockets (10) for use with unarmored fiber-optic cables (1, 2). The device includes first and second universal terminating sockets (10) for terminating the strength members (6) of a first and a second fiber-optic cable respectively. The optic fibers (19) of the two cables (1, 2) are spliced together and are stored in a fiber storage tray that is positioned between the two terminating sockets (10). A cylindrical steel casing (12) encloses the fiber storage tray and is secured to the terminating sockets (10) by pins (13). The first and second universal terminating sockets (10) of the invention are interchangeable; either socket (10) can be secured to either end of the casing (12) by one or more pins (13).

IPC 1-7  
**H02G 15/14**; H02G 15/007; G02B 6/44

IPC 8 full level  
**G02B 6/24** (2006.01); **G02B 6/00** (2006.01); **G02B 6/44** (2006.01)

CPC (source: EP)  
**G02B 6/4427** (2013.01)

Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**WO 9815864 A1 19980416**; AU 5193698 A 19980505; AU 735821 B2 20010719; CA 2267891 A1 19980416; EP 1012649 A1 20000628; EP 1012649 A4 20000628; JP 2001502074 A 20010213; TW 357473 B 19990501

DOCDB simple family (application)  
**US 9718075 W 19971008**; AU 5193698 A 19971008; CA 2267891 A 19971008; EP 97946839 A 19971008; JP 51767298 A 19971008; TW 86114868 A 19971009