

Title (en)  
FUSION SEALED ARTICLE AND METHOD

Title (de)  
SCHMELZVERSIEGELTER GEGENSTAND UND VERFAHREN DAZU

Title (fr)  
ARTICLE SCELLE PAR FUSION ET PROCEDE ASSOCIE

Publication  
**EP 1144325 A1 20011017 (EN)**

Application  
**EP 99971786 A 19991021**

Priority  
• US 9924884 W 19991021  
• US 10737998 P 19981106

Abstract (en)  
[origin: WO0027768A1] A telecommunication device (10) that comprises a low-expansion substrate (12), a low-expansion optical component such as an optical fiber (14) and a fusion seal (16) that maintains the substrate and the optical component in intimate contact, the fusion seal being a copper aluminosilicate glass. Also disclosed are copper aluminosilicate sealing glasses and a method of producing such glasses.

IPC 1-7  
**C03C 8/24**

IPC 8 full level  
**G02B 6/00** (2006.01); **C03C 3/064** (2006.01); **C03C 3/091** (2006.01); **C03C 3/097** (2006.01); **C03C 8/24** (2006.01); **C03C 27/10** (2006.01)

CPC (source: EP)  
**C03C 3/064** (2013.01); **C03C 3/091** (2013.01); **C03C 3/097** (2013.01); **C03C 8/24** (2013.01); **C03C 27/10** (2013.01); **G02B 6/02209** (2013.01); **G02B 6/0218** (2013.01)

Citation (search report)  
See references of WO 0027768A1

Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**WO 0027768 A1 20000518**; AU 1225900 A 20000529; CA 2349866 A1 20000518; CN 1325367 A 20011205; EP 1144325 A1 20011017; JP 2002529780 A 20020910

DOCDB simple family (application)  
**US 9924884 W 19991021**; AU 1225900 A 19991021; CA 2349866 A 19991021; CN 99813013 A 19991021; EP 99971786 A 19991021; JP 2000580952 A 19991021