

Title (en)  
MACHINING AN INSULATED OPTICAL FIBER

Title (de)  
BEARBEITEN EINER ISOLIERTEN OPTISCHEN FASER

Title (fr)  
USINAGE D'UNE FIBRE OPTIQUE ISOLEE

Publication  
**EP 1381895 A2 20040121 (DE)**

Application  
**EP 02716782 A 20020215**

Priority  
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• EP 0201642 W 20020215

Abstract (en)  
[origin: DE10113740A1] A device for processing an insulated fiber (4) which is formed from an optical fiber (5) provided with an insulation (6). Included is a retaining device (2), in which the insulated fiber (4) to be processed is placed. A retaining jaws arrangement (8) has two retaining jaws (9) between which an insulated fiber is fixed in an output position via a retaining device (2) and projecting section (13). A cutting device (11) cuts through the insulation (6) to be removed, transversely to the fiber (5). A splitting device (12) splits the fiber (5) held between the retaining device (2) and the retaining jaws arrangement (8), in a section with the insulation removed and under tension transverse to the fiber (5).

IPC 1-7  
**G02B 6/245**

IPC 8 full level  
**G02B 6/245** (2006.01); **G02B 6/25** (2006.01)

CPC (source: EP US)  
**G02B 6/245** (2013.01 - EP US); **G02B 6/25** (2013.01 - EP US)

Citation (search report)  
See references of WO 02077681A2

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