

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
• DE 10113740 A 20010321
• 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)
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Citation (search report)
See references of WO 02077681A2

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DE 10113740 A1 20020718; EP 1381895 A2 20040121; US 2004131325 A1 20040708; US 6850686 B2 20050201; WO 02077681 A2 20021003; WO 02077681 A3 20031120

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