

Title (en)

THIN CARBON COATING OF OPTICAL WAVEGUIDES

Title (de)

DÜNNE KOHLENSTOFFBESCHICHTUNG VON OPTISCHEN WELLENLEITERN

Title (fr)

COUCHE DE CARBONE MINCE POUR GUIDES D'ONDES OPTIQUES

Publication

EP 1015919 A4 20030212 (EN)

Application

EP 98926208 A 19980603

Priority

- US 9811345 W 19980603
- US 5055197 P 19970623

Abstract (en)

[origin: WO9859268A1] An optical waveguide fiber having a thin carbon coat (4) over the clad glass layer (2) is disclosed. The carbon coated waveguide shows superior dynamic fatigue resistance, improved adhesion of a polymer overcoat (6) in environmental testing, excellent attenuation stability in environmental testing, excellent attenuation stability in environmental testing, and easy colorability.

IPC 1-7

G02B 6/02; C03C 25/10; G02B 6/44

IPC 8 full level

G02B 6/44 (2006.01); **G02B 6/02** (2006.01)

CPC (source: EP KR)

G02B 6/02114 (2013.01 - KR); **G02B 6/02395** (2013.01 - EP KR); **G02B 2006/02161** (2013.01 - KR)

Citation (search report)

- [X] EP 0400938 A1 19901205 - STC PLC [GB]
- [A] EP 0402895 A1 19901219 - SUMITOMO ELECTRIC INDUSTRIES [JP], et al
- See references of WO 9859268A1

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DE FR GB IT NL

DOCDB simple family (publication)

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