

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 A1 20000705 (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

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)

Designated contracting state (EPC)
DE FR GB IT NL

DOCDB simple family (publication)
WO 9859268 A1 19981230; AU 728110 B2 20010104; AU 7810298 A 19990104; BR 9809521 A 20000620; CA 2291143 A1 19981230; CN 1260881 A 20000719; EP 1015919 A1 20000705; EP 1015919 A4 20030212; ID 25603 A 20001019; JP 2002508856 A 20020319; KR 20010014101 A 20010226

DOCDB simple family (application)
US 9811345 W 19980603; AU 7810298 A 19980603; BR 9809521 A 19980603; CA 2291143 A 19980603; CN 98806163 A 19980603; EP 98926208 A 19980603; ID 20000101 A 19980603; JP 50447199 A 19980603; KR 19997012148 A 19980603