

Title (en)
PLASTIC OPTICAL FIBER

Title (de)
LICHTLEITFASER AUS KUNSTSTOFF

Title (fr)
FIBRE OPTIQUE EN MATIERE PLASTIQUE

Publication
EP 1110109 A1 20010627 (DE)

Application
EP 99944383 A 19990812

Priority
• DE 19838499 A 19980825
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• EP 9905920 W 19990812

Abstract (en)
[origin: US2001024558A1] A plastic optical fiber having a low-loss, light-guiding plastic core surrounded by an inner, low-loss layer of a smaller refractive index and by an outer, stronger light-absorbing layer. The low-loss, light-guiding plastic core can also be surrounded by a light-absorbing layer.

IPC 1-7
G02B 1/04

IPC 8 full level
G02B 6/02 (2006.01); **G02B 1/04** (2006.01); **G02B 6/00** (2006.01)

CPC (source: EP US)
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Citation (search report)
See references of WO 0011497A1

Designated contracting state (EPC)
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US 2001024558 A1 20010927; **US 6501894 B2 20021231**; CA 2341670 A1 20000302; EP 1110109 A1 20010627; JP 2002523794 A 20020730; WO 0011497 A1 20000302

DOCDB simple family (application)
US 78964401 A 20010222; CA 2341670 A 19990812; EP 9905920 W 19990812; EP 99944383 A 19990812; JP 2000566698 A 19990812