

Title (en)

OPTICAL COLLIMATOR FOR MONOMODE FIBER HAVING A GRADED-INDEX FIBER SECTION, CORRESPONDING MONOMODE FIBER WITH EXTENDED CORE AND METHOD FOR MAKING SAME

Title (de)

MONOMODEGLASFASERKOLLIMATOR UND DESSEN HERSTELLUNGSVERFAHREN

Title (fr)

COLLIMATEUR OPTIQUE POUR FIBRE MONOMODE ET PROCEDE DE FABRICATION CORRESPONDANT

Publication

**EP 1493052 A2 20050105 (FR)**

Application

**EP 03740565 A 20030403**

Priority

- FR 0301056 W 20030403
- FR 0204366 A 20020408

Abstract (en)

[origin: WO03085420A2] The invention concerns an optical collimator for monomode fiber, comprising at least one section of expansion mode fiber, and at least one section of expansion-retaining fiber including at least one first graded-index multimode fiber. The invention also concerns a monomode fiber having at its end such an optical collimator, and the corresponding manufacturing method.

IPC 1-7

**G02B 6/26**; **G02B 6/255**; **G02B 6/16**; **G02B 6/18**

IPC 8 full level

**G02B 6/02** (2006.01); **G02B 6/028** (2006.01); **G02B 6/255** (2006.01); **G02B 6/26** (2006.01)

CPC (source: EP US)

**G02B 6/0288** (2013.01 - EP US); **G02B 6/2552** (2013.01 - EP US); **G02B 6/262** (2013.01 - EP US)

Citation (search report)

See references of WO 03085420A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 03085420 A2 20031016**; **WO 03085420 A3 20040401**; AU 2003260720 A1 20031020; AU 2003260720 A8 20031020; CN 1650206 A 20050803; EP 1493052 A2 20050105; FR 2838200 A1 20031010; FR 2838200 B1 20040806; US 2005201701 A1 20050915

DOCDB simple family (application)

**FR 0301056 W 20030403**; AU 2003260720 A 20030403; CN 03810082 A 20030403; EP 03740565 A 20030403; FR 0204366 A 20020408; US 50978905 A 20050425