

Title (en)

REDUCED CLAD DIAMETER RARE EARTH DOPED FIBER COILS AND OPTICAL AMPLIFIERS UTILIYING SUCH COILS

Title (de)

SELTENERDDOTIERTE FASERSPULEN MIT VERRINGERTEM MANTELDURCHMESSER UND SOLCHE SPULEN VERWENDENDE OPTISCHE VERSTÄRKER

Title (fr)

BOBINES DE FIBRES DOPEES AUX TERRES RARES A DIAMETRE DE GAINÉ REDUIT ET AMPLIFICATEURS OPTIQUES UTILISANT CELLES-CI

Publication

**EP 1611650 A1 20060104 (EN)**

Application

**EP 04759627 A 20040317**

Priority

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- US 75500904 A 20040108

Abstract (en)

[origin: WO2004095655B1] According to the present invention, a rare earth doped fiber coil comprises a rare doped optical fiber having a rare-earth doped core surrounded by a cladding. The outer clad diameter is less than 100μm. The rare earth doped optical fiber has a length of 10 m to 50m and is coiled with a bend radius of less than 40mm.

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IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2004095655A1

Citation (examination)

- US 6393923 B1 20020528 - HOLT JAMES C [US], et al
- US 5185749 A 19930209 - KALMAN ROBERT F [US], et al
- WO 9950843 A1 19991007 - SEAGATE TECHNOLOGY [US]

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DOCDB simple family (publication)

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