

Title (en)

OPTICAL FIBER CONNECTOR FOR FIBER LASER

Title (de)

FASEROPTISCHER VERBINDER FÜR EINEN FASERLASER

Title (fr)

CONNECTEUR DE FIBRES OPTIQUES POUR LASER À FIBRE

Publication

**EP 2289133 A1 20110302 (EN)**

Application

**EP 09753393 A 20090601**

Priority

- CA 2009000761 W 20090601
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Abstract (en)

[origin: WO2009143632A1] The present invention is directed to an optical fiber connector for fiber lasers having improved signal conduction which minimizes optical losses. This optical fiber connector is capable of operating at high power levels, by dissipating heat and by maintaining the alignment of the optical fibers even when the fibers thermally expand in the presence of high temperature. The connector may be made of a shape memory alloy having a generally cylindrical body and a longitudinal conduit for splicing together the optical fibers.

IPC 8 full level

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CPC (source: EP)

**G02B 6/3806** (2013.01); **G02B 6/4296** (2013.01); **G02B 6/3859** (2013.01)

Citation (search report)

See references of WO 2009143632A1

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DOCDB simple family (publication)

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