

Title (en)

METHOD FOR PRODUCTION OF A BAND WITH SEVERAL PARALLEL OPTICAL FIBRES

Title (de)

VERFAHREN ZUM HERSTELLEN EINES BANDES MIT MEHREREN PARALLEL VERLAUFENDEN LICHTLEITERN

Title (fr)

PROCEDE POUR REALISER UNE BANDE DOTEE DE PLUSIEURS GUIDES D'ONDES OPTIQUES PARALLELES

Publication

EP 1886097 A2 20080213 (DE)

Application

EP 06755282 A 20060523

Priority

- EP 2006062512 W 20060523
- DE 102005025121 A 20050527

Abstract (en)

[origin: DE102005025121B3] The method involves executing a measuring process to preset a spatial characteristics of a sensor band (11) in treated sections of optical fibers, during a treatment of a surface of the fibers. Measuring light with a common intensity is injected to an end of the band (11) in the treated fibers, and the output light is admitted in another end of the band (11). An intensity band is defined for the maximum intensity of the output light. The treatment of the surface is continued until the intensity maximum lies within the intensity band, when the intensity maximum lies outside the intensity band. The treatment is discontinued and the band is rejected, when the maximum cannot lie within the intensity band.

IPC 8 full level

G01D 5/353 (2006.01)

CPC (source: EP US)

G02B 6/02 (2013.01 - EP US); **G02B 6/266** (2013.01 - EP US); **G02B 6/02052** (2013.01 - EP US); **G02B 6/2852** (2013.01 - EP US)

Citation (search report)

See references of WO 2006125773A2

Citation (examination)

- EP 1792215 A2 20070606 - SIEMENS AG [DE]
- WO 0151971 A1 20010719 - CORNING INC [US]

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