

Title (en)
DEVICE FOR THE TRANSMISSION OF OPTICAL SIGNALS BY MEANS OF PLANAR LIGHT GUIDES

Title (de)
VORRICHTUNG BZW. VERFAHREN ZUR OPTISCHEN SIGNALÜBERTRAGUNG

Title (fr)
DISPOSITIF DE TRANSMISSION DE SIGNAUX OPTIQUES A L'AIDE DE GUIDES D'ONDES PLANS

Publication
EP 1346079 A2 20030924 (DE)

Application
EP 01990280 A 20011207

Priority
• DE 0104575 W 20011207
• DE 20021834 U 20001222
• DE 10106297 A 20010202
• DE 0102120 W 20010608

Abstract (en)
[origin: WO02052321A2] The invention relates to a method and device for the transmission of optical signals. A light guide, with a core for guiding light comprising at least two parallel boundary surfaces, provided with coatings for reflecting the light guided in the light-guiding core, has at least one means for coupling transmitters or receivers by diffraction, refraction or dispersion.

IPC 1-7
G02B 6/28

IPC 8 full level
G02B 6/00 (2006.01); **G02B 6/02** (2006.01); **G02B 6/26** (2006.01); **G02B 6/28** (2006.01); **G02B 6/34** (2006.01); **G02B 6/42** (2006.01); **H05K 1/02** (2006.01); **G02B 6/12** (2006.01)

CPC (source: EP US)
G02B 6/00 (2013.01 - EP US); **G02B 6/02** (2013.01 - EP US); **G02B 6/26** (2013.01 - EP US); **G02B 6/34** (2013.01 - EP US); **G02B 6/42** (2013.01 - EP US); **G02B 6/4202** (2013.01 - EP US); **H05K 1/0274** (2013.01 - EP US); **G02B 6/2817** (2013.01 - EP US); **G02B 6/2852** (2013.01 - EP US); **G02B 6/4206** (2013.01 - EP US); **G02B 6/4214** (2013.01 - EP US); **G02B 6/43** (2013.01 - EP US); **G02B 2006/12107** (2013.01 - EP US)

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
DE 20021834 U1 20010315; AU 2002229471 A1 20020708; DE 10160218 A1 20020814; EP 1346079 A2 20030924; JP 2004525397 A 20040819; US 2004252943 A1 20041216; US 2008107378 A9 20080508; US 7489841 B2 20090210; WO 02052321 A2 20020704; WO 02052321 A3 20031218

DOCDB simple family (application)
DE 20021834 U 20001222; AU 2002229471 A 20011207; DE 0104575 W 20011207; DE 10160218 A 20011207; EP 01990280 A 20011207; JP 2002553164 A 20011207; US 46238503 A 20030616