

Title (en)

PRINTED CIRCUIT BOARD ELEMENT COMPRISING AT LEAST ONE OPTICAL WAVEGUIDE, AND METHOD FOR THE PRODUCTION OF SUCH A PRINTED CIRCUIT BOARD ELEMENT

Title (de)

LEITERPLATTENELEMENT MIT WENIGSTENS EINEM LICHT-WELLENLEITER SOWIE VERFAHREN ZUR HERSTELLUNG EINES SOLCHEN LEITERPLATTENELEMENTS

Title (fr)

ELEMENT DE CARTE DE CIRCUITS IMPRIMES COMPRENANT AU MOINS UN GUIDE D'ONDES OPTIQUES, ET PROCEDE POUR PRODUIRE CET ELEMENT DE CARTE DE CIRCUITS IMPRIMES

Publication

**EP 1706770 A1 20061004 (DE)**

Application

**EP 04802021 A 20041228**

Priority

- AT 2004000459 W 20041228
- AT 20962003 A 20031229

Abstract (en)

[origin: WO2005064381A1] Disclosed is a printed circuit board element comprising an optical waveguide and an embedded optoelectronic element.

IPC 8 full level

**G02B 6/43** (2006.01); **G02B 6/12** (2006.01); **G02B 6/122** (2006.01); **G02B 6/42** (2006.01); **H05K 1/02** (2006.01)

CPC (source: EP KR US)

**G02B 6/12004** (2013.01 - EP US); **G02B 6/42** (2013.01 - EP US); **G02B 6/4201** (2013.01 - EP US); **G02B 6/43** (2013.01 - EP KR US); **H05K 1/0274** (2013.01 - EP US); **G02B 2006/1213** (2013.01 - EP US); **G02B 2006/1219** (2013.01 - EP US); **G02B 2006/12195** (2013.01 - EP US); **H01L 2224/16225** (2013.01 - EP US)

Citation (search report)

See references of WO 2005064381A1

Citation (examination)

- US 5541039 A 19960730 - MCFARLAND MICHAEL J [US], et al
- WO 0196915 A2 20011220 - 3M INNOVATIVE PROPERTIES CO [US], et al

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DOCDB simple family (publication)

**WO 2005064381 A1 20050714**; AT 413891 B 20060715; AT A20962003 A 20051015; CA 2551654 A1 20050714; EP 1706770 A1 20061004; EP 2309294 A2 20110413; EP 2309294 A3 20110817; JP 2007517248 A 20070628; KR 101122442 B1 20120309; KR 20060131816 A 20061220; US 2008044127 A1 20080221

DOCDB simple family (application)

**AT 2004000459 W 20041228**; AT 20962003 A 20031229; CA 2551654 A 20041228; EP 04802021 A 20041228; EP 10183725 A 20041228; JP 2006545841 A 20041228; KR 20067015026 A 20060725; US 58184904 A 20041228