

Title (en)  
OPTICAL WAVEGUIDE

Title (de)  
LICHTLEITER

Title (fr)  
GUIDE D'ONDES OPTIQUES

Publication  
**EP 1334383 A2 20030813 (DE)**

Application  
**EP 01980515 A 20011024**

Priority  
• DE 10054935 A 20001106  
• EP 0112261 W 20011024

Abstract (en)  
[origin: WO0237148A2] The invention relates to a method for producing an optical waveguide containing a core that comprises an amorphous, transparent and thermoplastic polymer, whereby the polymers are processed while in a molten state, and the surfaces of the equipment used in this method are completely or partially inerted at locations at which they come into contact with the melt consisting of the polymers.

IPC 1-7  
**G02B 6/00**

IPC 8 full level  
**G02B 6/00** (2006.01); **B29C 33/56** (2006.01); **B29D 11/00** (2006.01); **G02B 1/04** (2006.01); **B29C 48/00** (2019.01); **B29C 48/05** (2019.01)

CPC (source: EP US)  
**B29C 33/56** (2013.01 - EP US); **B29D 11/00663** (2013.01 - EP US); **G02B 1/046** (2013.01 - EP US); **B29C 48/00** (2019.01 - EP US); **B29C 48/05** (2019.01 - EP US); **B29L 2011/0075** (2013.01 - EP US)

Citation (search report)  
See references of WO 0237148A2

Citation (examination)  
EP 0410425 A2 19910130 - MITSUBISHI GAS CHEMICAL CO [JP]

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)  
**WO 0237148 A2 20020510**; **WO 0237148 A3 20020718**; AU 1234202 A 20020515; DE 10054935 A1 20020508; EP 1334383 A2 20030813; JP 2004520608 A 20040708; JP 4383049 B2 20091216; TW 523613 B 20030311; US 2004120686 A1 20040624

DOCDB simple family (application)  
**EP 0112261 W 20011024**; AU 1234202 A 20011024; DE 10054935 A 20001106; EP 01980515 A 20011024; JP 2002539850 A 20011024; TW 90127212 A 20011102; US 41587003 A 20030827