

Title (en)
LOW-STRESS INNER STRUCTURE FOR OPTOELECTRONIC HOUSING

Title (de)
SPANNUNGSARME INTERNE STRUKTUR FÜR EIN OPTOELEKTRONISCHES MODUL

Title (fr)
STRUCTURE INTERNE A FAIBLE CONTRAINTE POUR BOITIER OPTOELECTRONIQUE

Publication
EP 1247128 A1 20021009 (FR)

Application
EP 01976359 A 20011004

Priority
• FR 0103057 W 20011004
• FR 0012729 A 20001005

Abstract (en)
[origin: WO0229464A1] The invention concerns an optoelectronic module (1) consisting of a plastic housing (2) comprising a base (8) fixed to the housing (2) fixed to the housing (2) and supporting an optical component (9) coupled by an optical fibre (5) to an optical connector (4) of the housing (2), wherein are prevented displacements of the fibre associated with heat stresses by providing the base, and optionally the connector (4), with a float mounting on the housing (2). The float mounting of the base (8) is achieved by fixing the base with adhesives (13, 14) exhibiting an elasticity higher than adhesives used for fixing each of the two ends (6, 7) of the fibre (5) respectively on the base (8) and the connector (4).

IPC 1-7
G02B 6/42

IPC 8 full level
G02B 6/42 (2006.01)

CPC (source: EP US)
G02B 6/421 (2013.01 - EP US); **G02B 6/4239** (2013.01 - EP US)

Citation (search report)
See references of WO 0229464A1

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 0229464 A1 20020411; EP 1247128 A1 20021009; FR 2815138 A1 20020412; FR 2815138 B1 20030131; JP 2004511009 A 20040408; US 2002172473 A1 20021121; US 6736554 B2 20040518

DOCDB simple family (application)
FR 0103057 W 20011004; EP 01976359 A 20011004; FR 0012729 A 20001005; JP 2002532981 A 20011004; US 13070002 A 20020522