

Title (en)

METHOD FOR PRODUCTION OF AN OPTICAL HOUSING, OPTICAL HOUSING AND OPTO-ELECTRONIC DEVICE

Title (de)

HERSTELLUNGSVERFAHREN FÜR OPTISCHE GEHÄUSE, OPTISCHE GEHÄUSE SOWIE OPTOELEKTRONISCHE VORRICHTUNG

Title (fr)

PROCEDE DE FABRICATION D'UN BOITIER OPTIQUE, BOÏTIER OPTIQUE ET DISPOSITIF OPTO-ELECTRONIQUE

Publication

EP 1368683 A1 20031210 (FR)

Application

EP 02714285 A 20020306

Priority

- FR 0200809 W 20020306
- FR 0103544 A 20010315

Abstract (en)

[origin: FR2822246A1] The optical container manufacture process has an optical integrated circuit installed with connection pads and optical fibre connection. The assembly has mounted electrical connections (8) on a support slab (3), and optical components (4) fixed on the upper slab support (3a). Electrical pads (5) are connected to the optical component. Then the optical component is coupled to an optical fibre (6). Part of the assembly is encapsulated so that part of each pin protrudes and the fibre optic end part remains.

IPC 1-7

G02B 6/30

IPC 8 full level

G02B 6/30 (2006.01); **G02B 6/42** (2006.01)

CPC (source: EP US)

G02B 6/30 (2013.01 - EP US); **G02B 6/424** (2013.01 - EP US); **G02B 6/4245** (2013.01 - EP US); **G02B 6/4239** (2013.01 - EP US); **G02B 6/4253** (2013.01 - EP US); **G02B 6/4274** (2013.01 - EP US)

Citation (search report)

See references of WO 02075406A1

Citation (examination)

- US 4225213 A 19800930 - MCBRIDE JR LYLE E, et al
- EP 0889533 A2 19990107 - NEC CORP [JP]
- WO 9401987 A1 19940120 - ERICSSON TELEFON AB L M [SE]
- EP 0445947 A2 19910911 - HUGHES AIRCRAFT CO [US]

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