

Title (en)  
OPTICAL PLUG CONNECTOR DEVICE

Title (de)  
OPTISCHE STECKVERBINDERVORRICHTUNG

Title (fr)  
DISPOSITIF DE CONNEXION OPTIQUE ENFICHABLE

Publication  
**EP 3365713 A1 20180829 (DE)**

Application  
**EP 15784023 A 20151021**

Priority  
EP 2015074291 W 20151021

Abstract (en)  
[origin: WO2017067583A1] The invention relates to an optical plug connector device comprising at least one lens array (12a; 12b; 12c) and at least one fibre holder (14a; 14b; 14c) which is provided to position end regions (16a; 16b; 16c) of a plurality of optical fibres (18a; 18b; 18c) relative to the lens array (12a; 12b; 12c), and which has at least one first fibre-holding element (20a; 20b; 20c). According to the invention, the fibre holder (14a; 14b; 14c) comprises at least one second fibre-holding element (22a; 22b; 22c), which has a higher level of manufacturing precision than the first fibre-holding element (20a; 20b; 20c).

IPC 8 full level  
**G02B 6/38** (2006.01)

CPC (source: EP US)  
**G02B 6/382** (2013.01 - US); **G02B 6/3839** (2013.01 - US); **G02B 6/3853** (2013.01 - US); **G02B 6/3858** (2013.01 - US);  
**G02B 6/3885** (2013.01 - EP US); **G02B 6/32** (2013.01 - EP US); **G02B 6/3834** (2013.01 - EP US)

Citation (search report)  
See references of WO 2017067583A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**WO 2017067583 A1 20170427**; EP 3365713 A1 20180829; US 2018314012 A1 20181101

DOCDB simple family (application)  
**EP 2015074291 W 20151021**; EP 15784023 A 20151021; US 201515769923 A 20151021