

Title (en)
OPTICAL CONNECTOR ARRANGEMENT COMPRISING A CONVERTER

Title (de)
OPTISCHE VERBINDERANORDNUNG MIT WANDLER

Title (fr)
ENSEMBLE CONNECTEUR OPTIQUE AVEC CONVERTISSEUR

Publication
EP 1751596 A1 20070214 (DE)

Application
EP 05763514 A 20050602

Priority
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Abstract (en)
[origin: WO2005119320A1] The invention relates to an optical connector arrangement wherein the connector and the converter are connected by short plastic fibre sections. The aim of the invention is to provide one such connector arrangement which can be produced in a simple and cost-effective manner, can be easily and economically mounted on a circuit carrier and reliably and efficiently soldered to the conductors thereof, enables a modular assembly, and is at least partially heat-resistant during the assembly in such a way that, for example, a vibration-resistant reflow soldering can be carried out. To this end, the fibre sections are connected to a double ferrule which is fixed to the converters by means of a clamp. A false cover can be used for the transport and soldering.

IPC 8 full level
G02B 6/42 (2006.01)

CPC (source: EP US)
G02B 6/421 (2013.01 - EP US); **G02B 6/4246** (2013.01 - EP US); **G02B 6/4292** (2013.01 - EP US)

Citation (search report)
See references of WO 2005119320A1

Citation (examination)
WO 2004031817 A2 20040415 - MATSUSHITA ELECTRIC WORKS LTD [JP], et al

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