

Title (en)
MULTI-LAYER SUBSTRATES

Title (de)
MEHRSCHICHTIGE SUBSTRATE

Title (fr)
SUBSTRATS MULTI-COUCHES

Publication
EP 3213132 A1 20170906 (EN)

Application
EP 15795265 A 20151028

Priority
• US 201462069710 P 20141028
• US 2015057880 W 20151028

Abstract (en)
[origin: WO2016069786A1] This disclosure generally relates to high-speed fiber optic networks that use light signals to transmit data over a network. The disclosed subject matter includes devices and methods relating to header subassemblies and/or optoelectronic subassemblies. In some aspects, the disclosed devices and methods may relate to a header subassembly that can include: a multi-layer substrate with a bottom layer, a top layer having top thin film signal lines, and one or more intermediate layers having thick film traces between the top layer and the bottom layer, the thick film traces electrically coupled to the top thin film signal lines; and optoelectronic components positioned over the multi-layer substrate and electrically coupled with the signal lines.

IPC 8 full level
G02B 6/42 (2006.01)

CPC (source: CN EP)
G02B 6/428 (2013.01 - CN EP); **G02B 6/4204** (2013.01 - EP); **G02B 6/4251** (2013.01 - EP); **G02B 6/4279** (2013.01 - EP)

Citation (search report)
See references of WO 2016069786A1

Citation (examination)
KR 20130046677 A 20130508 - LG INNOTEK CO LTD [KR]

Designated contracting state (EPC)
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US 2015057880 W 20151028; CN 201580071300 A 20151028; EP 15795265 A 20151028; JP 2017523458 A 20151028