Title (en)
A MULTIPORT VARIABLE OPTICAL ATTENUATOR ARCHITECTURE, AND PARTS THEREOF

Title (de)
VARIABLE OPTISCHE DÄMPFERARCHITEKTUR MIT MEHREREN PORTS UND TEILE DAFÜR

Title (fr)
ARCHITECTURE D'ATTENUATEUR OPTIQUE VARIABLE MULTIPORT, ET PARTIES DE LADITE ARCHITECTURE

Publication
EP 1766445 A4 20090729 (EN)

Application
EP 05744701 A 20050608

Priority
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Abstract (en)
[origin: WO2005122479A2] There is provided a multiport variable optical attenuation architecture, including a first optical signal manipulating means coupled to the input means, to manipulate optical signals input thereto and output first manipulated optical signals; a second optical signal manipulating means arranged to receive the first manipulated optical signals from the first optical manipulating means, and to adaptively manipulate the received first manipulated optical signals input thereto so as to output second manipulated optical signals; and a third optical signal manipulating means arranged to receive the second manipulated optical signals, and to a predetermined manipulation of the second manipulated optical signals so as to output an attenuated signal.

IPC 8 full level
G02B 6/00 (2006.01); **G02B 6/26** (2006.01); **H04L 12/28** (2006.01)

CPC (source: EP KR)
G02B 6/00 (2013.01 - KR); **G02B 6/266** (2013.01 - EP); **G02F 1/09** (2013.01 - KR); **H04B 10/00** (2013.01 - KR); **H04L 41/00** (2013.01 - KR)

Citation (search report)
• [X] US 5999305 A 19991207 - FUKUSHIMA NOBUHIRO [JP]
• [A] US 2003031443 A1 20030213 - SOLJACIC MARIN [US], et al
• [A] US 2002051279 A1 20020502 - MINEMOTO HISASHI [JP], et al
• [A] US 2004085614 A1 20040506 - ELEZZABI ABDULHAKEM Y [CA], et al
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Citation (examination)
JP 2004029766 A 20040129 - MATSUSHITA ELECTRIC IND CO LTD

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR LV MK YU

DOCDB simple family (publication)
WO 2005122479 A2 20051222; **WO 2005122479 A3 20060727**; CN 101023382 A 20070822; CN 101023382 B 20100505; EP 1766445 A2 20070328; EP 1766445 A4 20090729; JP 2008502024 A 20080124; JP 4891905 B2 20120307; KR 20070054176 A 20070528

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