

Title (en)
MAGNETO-OPTIC DEVICE DISPLAY

Title (de)
MAGNETOOPTISCHE ANZEIGEEINRICHTUNG

Title (fr)
AFFICHEUR MAGNETO-OPTIQUE

Publication
EP 1721200 A4 20110907 (EN)

Application
EP 05702977 A 20050214

Priority

- IB 2005050570 W 20050214
- US 54459104 P 20040212
- US 81229504 A 20040329
- US 1175104 A 20041214
- US 1176104 A 20041214
- US 1177004 A 20041214
- US 90622605 A 20050209
- US 90622005 A 20050209
- US 90625505 A 20050211
- US 90626005 A 20050211
- US 90625905 A 20050211
- US 90626205 A 20050211
- US 90625805 A 20050211
- US 90630405 A 20050214

Abstract (en)
[origin: WO2005076723A2] An apparatus and method for a radiation switching array, including a first radiation wave modulator and a second radiation wave modulator proximate the first modulator, each the modulator having a transport for receiving a wave component, the transport including a waveguide having a guiding region and one or more bounding regions; and a plurality of constituents disposed in the waveguide for enhancing an influencer response in the waveguide; and an influencer, operatively coupled to the transport and responsive to a control signal, for affecting a radiation-amplitude-controlling property of the wave component by inducing the influencer response in the waveguide as the wave component travels through the transport; and a controller, coupled to the modulators, for selectively asserting each the control signal to independently control the amplitude-controlling property of each the modulator. A switching method including (a) receiving a wave component at each of a plurality of transports proximate each other, each transport including a waveguide having a guiding region and one or more bounding regions with a plurality of constituents disposed in the waveguide for enhancing an influencer response in the waveguide; and (b) affecting independently a radiation-amplitude-controlling property of each the wave component as it travels through each the waveguide.

IPC 8 full level
G02B 6/26 (2006.01); **G02B 6/42** (2006.01)

CPC (source: EP)
B82Y 20/00 (2013.01); **G02B 6/001** (2013.01); **G02F 1/0136** (2013.01); **G02F 1/095** (2013.01)

Citation (search report)

- [X] EP 1168008 A2 20020102 - MATSUSHITA ELECTRIC IND CO LTD [JP]
- See references of WO 2005076723A2

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

DOCDB simple family (publication)
WO 2005076723 A2 20050825; WO 2005076723 A3 20060406; AU 2005213231 A1 20050825; EP 1721200 A2 20061115; EP 1721200 A4 20110907; JP 2007522521 A 20070809

DOCDB simple family (application)
IB 2005050570 W 20050214; AU 2005213231 A 20050214; EP 05702977 A 20050214; JP 2006552772 A 20050214