

Title (en)
FREQUENCY SELECTIVE MMW SOURCE

Title (de)
FREQUENZSELEKTIVE MMW-QUELLE

Title (fr)
SOURCE MMW À SÉLECTION DE FRÉQUENCE

Publication
EP 2092668 A1 20090826 (EN)

Application
EP 07812212 A 20070620

Priority

- US 2007071658 W 20070620
- US 86549806 P 20061113
- US 67384207 A 20070212
- US 67383307 A 20070212

Abstract (en)
[origin: WO2008060715A1] The present invention relates to the design and operation of a frequency selective electrooptic source. In accordance with one embodiment of the present invention the electrooptic source comprises an optical signal generator, optical circuitry, and at least one optical/electrical converter wherein the optical signal generator comprises a plurality of optical outputs characterized by distinct output frequencies and the optical circuitry is configured to permit the selection and combination of different ones of the distinct-frequency optical outputs to generate a modulated optical signal, which is converted to a millimeter or sub-millimeter wave. Additional embodiments are disclosed and claimed.

IPC 8 full level
H04B 10/2575 (2013.01)

CPC (source: EP)
H04B 10/2575 (2013.01); **H04B 2210/006** (2013.01)

Cited by
GB2487132A; GB2487132B

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 LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2008060715 A1 20080522; EP 2092668 A1 20090826; EP 2092668 A4 20140219; JP 2010509611 A 20100325; JP 2013228739 A 20131107

DOCDB simple family (application)
US 2007071658 W 20070620; EP 07812212 A 20070620; JP 2009537245 A 20070620; JP 2013095477 A 20130430