

Title (en)  
FREQUENCY SELECTIVE MMW SOURCE

Title (de)  
FREQUENZSELEKTIVE MMW-QUELLE

Title (fr)  
SOURCE MMW À SÉLECTION DE FRÉQUENCE

Publication  
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Application  
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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.

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