Title (en)

METHOD AND DEVICE FOR PROCESSING TERAHERTZ WAVES

Title (de)

VERFAHREN UND VORRICHTUNG ZUR VERARBEITUNG VON TERAHERTZ-WELLEN

Title (fr)

PROCÉDÉ ET DISPOSITIF DE TRAITEMENT D'ONDES TÉRAHERTZIENNES

Publication

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Application

EP 09732829 A 20090203

Priority

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Abstract (en)

[origin: WO2009127177A2] The invention relates to a method for processing received electromagnetic radiation 1 having several carrier waves in the frequency range between 0.1 and 10 terahertz and information of a signal frequency of less than 50 GHz, particularly of less than 1 GHz, said information being modulated onto the carrier waves, wherein by means of a filter tunable in the frequency range between 0.1 and 10 terahertz an individual carrier wave is filtered out of the received radiation 1 as a terahertz signal, and wherein the filtered-out terahertz signal is supplied to a detection method sensitive to the signal frequency.

IPC 8 full level

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