

ABSTRACT OF THE DISCLOSURE**5 BISPECTRAL ELECTROMAGNETIC WAVE DETECTOR**

The disclosure relates to a bispectral electromagnetic wave detector
10 including at least one first and one second overlaid plane active detector
elements separated by a common layer, said first and second detector
elements being sensitive to the different wavelengths: a first means of
connection connected in common to said first and second detector elements,
a second means of connection connected to said first detector element, and
15 a third means of connection connected to said second detector element;
means for applying successively a control voltage to each means of
connection; and means connected to said first means of connection to
detect a photoconduction current each time a control voltage is applied. The
invention is used in applications requiring detection of electromagnetic
20 waves in two bands of different wavelengths.

