

Title (en)  
**RADIATION PATTERN CHANGE DETECTION**

Publication  
**EP 0107425 A3 19841114 (EN)**

Application  
**EP 83306065 A 19831006**

Priority  
**GB 8230062 A 19821021**

Abstract (en)  
[origin: EP0107425A2] This invention relates to the detection of a change in a pattern of radiation and is concerned especially with the detection of such a change as a result of the movement of an object and/or its shadow and/or an image of an object, such as, for example, a television picture thereof. The term <<radiation>> is used to include ultra-violet radiation, visible light and infrared radiation. In more detail there is provided an apparatus for detecting a change in a pattern of radiation incident on the apparatus, comprising lens means, a first sensing means sensitive to said incident radiation and adapted to give a first output signal characteristic of said pattern and a second such sensing means, adapted to give a second such output signal, said sensing means having different configurations and/or orientations of radiation-sensitive areas and said lens means together with said sensing means constituting an optical system, are arranged for incidence on said sensing means through said lens means of said radiation, and connected to comparator means in such a way that the latter receives said output signals, the arrangement being such that any change in said pattern of radiation causes a first consequent change in said first output signal and a second consequent change being different from said first consequent change by virtue of said different configurations and/or orientations of radiation-sensitive areas, and said comparator means being arranged to supply a signal which is a function of the said differing output signals and hence indicative of a change in said pattern of radiation.

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**G08B 13/18**; H04N 7/18

IPC 8 full level  
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CPC (source: EP)  
**G08B 13/191** (2013.01); **G08B 13/19602** (2013.01); **G08B 13/19634** (2013.01)

Citation (search report)  
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