

Title (en)

PHOTOELECTRIC BARRIER SYSTEM WITH BEAM SPLITTER

Title (de)

LICHTSCHRANKENANORDNUNG MIT STRAHLTEILER

Title (fr)

DISPOSITIF DE BARRIERE LUMINEUSE A SEPARATEUR DE FAISCEAU

Publication

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Application

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Abstract (en)

[origin: WO0113144A1] The invention relates to a photoelectric barrier system with at least one light source (10) which emits a parallel bundle of beams (12) and with at least one detector element (26) arranged in the beam path of the bundle of beams (12). The aim of the invention is to provide a simple and inexpensive system for extensively monitoring an area. To this end, a beam splitter (16) is located in the beam path of the bundle of beams (12) and fans out the bundle of beams (12) into a disk-shaped planar or curved radiation field (14). At least one detector element (26) within the radiation field (14) is optically oriented in the direction of the beam splitter (16).

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