

Title (en)

OPTICAL DETECTOR SUITABLE FOR USE IN LIGHT CURTAINS

Title (de)

FÜR DIE ANWENDUNG AN LICHTVORHÄNGEN GEEIGNETER OPTISCHER DETEKTOR

Title (fr)

DÉTECTEUR OPTIQUE APPROPRIÉ POUR UNE UTILISATION SUR DES RIDEAUX OPTIQUES

Publication

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Application

**EP 10724989 A 20100415**

Priority

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Abstract (en)

[origin: WO2010118449A2] The invention relates to a planar detector for use in light curtains, which generates electric signals as a function of absorbed light and is provided with a plurality of tapping points for the generated signals, wherein the magnitude of the signals at the respective tapping points is dependent on their distance to the partial surfaces where the light is absorbed, and wherein, as a function of the magnitude ratios between the signals at several tapping points, the distance ratios of the respective tapping points to those partial surfaces, where the light is absorbed, can be calculated. The detector (10, 20, 30) is configured as a flexible layered structure made of organic material. The tapping points (2, 24) are disposed at a distance from the edges of the layered structure. Electric connection lines (3) to the tapping points (2, 24) are connected along their longitudinal extension to the layered structure of the detector.

IPC 8 full level

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US 5759291 A 19980602 - ICHINOSE HIROFUMI [JP], et al

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