Title (en)

LASER DETECTION DEVICE AND LASER DETECTION METHOD

Title (de)

LASERERFASSUNGSVORRICHTUNG UND LASERERFASSUNGSVERFAHREN

Title (fr)

DISPOSITIF DE DÉTECTION DE LASER ET PROCÉDÉ DE DÉTECTION DE LASER

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2010054977A1] The invention relates to a laser detection method for detecting laser beams (101), said method comprising the steps of generating an interference image (105) from the detected light radiation, recording of the interference image (105) and processing of the recorded interference image (105) to detect laser radiation (101). To permit a more stable and more rapid laser detection, according to the invention the processing stage comprises the following steps: a) detection of a three-dimensionally defined point distribution from the interference image (105), b) carrying out a transformation of the point distribution in such a way that a lattice spacing between the point distribution is maintained, but a fixed position, which is independent of the position in the original image, is assigned to the point lattice, c) detection of a lattice spacing in the point lattice that has been transformed according to step b) and d) detection of the position of the point lattice from the point distribution by means of filtering, with the aid of the lattice spacing detected in step c). The invention also relates to a laser detection device for carrying out the laser detection method.

IPC 8 full level

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CPC (source: EP US)

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