

Title (en)
DEVICE FOR DETECTING A LIGHT RADIATION

Title (de)
VORRICHTUNG ZUR DETEKTION EINES LICHTSTRAHLS

Title (fr)
DISPOSITIF DE DETECTION D'UN RAYONNEMENT LUMINEUX

Publication
EP 1393275 A1 20040303 (FR)

Application
EP 02740824 A 20020528

Priority
• FR 0201778 W 20020528
• FR 0107261 A 20010601

Abstract (en)
[origin: WO02097756A1] The invention concerns a device for detecting (1) a light radiation, in particular an infrared radiation, comprising a radiation sensor including on its front side (5) at least a zone (8, 9) sensitive to the radiation to be picked up and delivering a signal, and an optical system (4) for focusing towards said sensitive zone (8, 9) of said sensor the radiation emitted by a light source located in a least a field of view (10, 11). The surface of said sensitive zone (8, 9) is divisible or divided into at least two parts (8a, 8b, 9a, 9b) located in succession of one another along a direction and such that either said sensitive zone does not have an axis of symmetry perpendicular to said direction and its sensitivity per unit area is substantially homogeneous, or said parts of said sensitive zone have different levels of sensitivity per unit area; so that when said parts of said sensitive zone are respectively subjected to a uniform illumination derived from a common light source, the sensor delivers different signals.

IPC 1-7
G08B 13/191; **G08B 13/193**

IPC 8 full level
G08B 13/193 (2006.01)

CPC (source: EP)
G08B 13/193 (2013.01)

Citation (search report)
See references of WO 02097756A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
WO 02097756 A1 20021205; EP 1393275 A1 20040303; FR 2825465 A1 20021206; FR 2825465 B1 20040102

DOCDB simple family (application)
FR 0201778 W 20020528; EP 02740824 A 20020528; FR 0107261 A 20010601