

Title (en)
Video control system.

Title (de)
Videokontroll-Einrichtung.

Title (fr)
Système de commande d'affichage vidéo.

Publication
EP 0448803 B1 19940309 (DE)

Application
EP 90124078 A 19901213

Priority
DE 4009912 A 19900328

Abstract (en)
[origin: EP0448803A2] Infrared light barriers or video control systems are used, as is known, in monitoring bounded, plane areas, for example a level crossing. However, both solutions have the disadvantage that they are unreliable or are of a very complicated design. The invention provides a video control system which permits reliable evaluation using simple means. For this purpose, a camera is used to take and store two fields in each case, one being taken without flash, and the other with. A differential image, now containing only signal components caused by the light of the flash is obtained from the two fields. Given the presence of a three-dimensional object in the monitored area, there is produced on the side of the object averted from the flash a shadow signal which is evaluated and, if necessary, fed to the alarm-triggering device. <IMAGE>

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G08B 13/196

IPC 8 full level
G08B 13/196 (2006.01)

CPC (source: EP)
G08B 13/19634 (2013.01); **G08B 13/19652** (2013.01)

Cited by
FR2887061A1; EP1345444A1; SG107640A1; EP1079351A1; CN107300722A; US6973998B2; WO0221473A3; US7140469B2; US7742175B2; WO2004084556A1; WO2006131647A3; WO03018402A1

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