

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>

IPC 1-7  
**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

Designated contracting state (EPC)  
AT CH DE DK FR GB IT LI

DOCDB simple family (publication)  
**EP 0448803 A2 19911002; EP 0448803 A3 19920923; EP 0448803 B1 19940309**; AT E102726 T1 19940315; DE 4009912 A1 19911002; DE 59004935 D1 19940414

DOCDB simple family (application)  
**EP 90124078 A 19901213**; AT 90124078 T 19901213; DE 4009912 A 19900328; DE 59004935 T 19901213