

Title (en)
MONITORING APPARATUS

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EP 0396432 A3 19910410 (EN)

Application
EP 90304912 A 19900504

Priority
GB 8910419 A 19890505

Abstract (en)
[origin: EP0396432A2] Monitoring apparatus for monitoring traffic flow in a tunnel is disclosed comprising a plurality of cameras 10, 12, 14 each connected to a camera controller 60, 62, 64. Each camera controller includes an image memory for periodically storing still images from the camera associated therewith. A plurality of incident detectors 40 - 45; 46 - 51 are associated with each camera 10, 12, and lie within the field of view of that camera. The incident detectors detect the passage of vehicles in a carriageway of the tunnel and determine whether or not a traffic incident eg congestion or an accident has occurred in accordance with an algorithm. When an incident has occurred an incident detection signal is generated which is communicated to the camera controllers via a central controller 66. The image memory of the relevant camera controller is responsive to the detection signal to identify and freeze a plurality of images prior to the incident which are then passed to the central controller, so that the circumstances leading up to the incident can be reviewed.

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G08G 1/04

IPC 8 full level
G08G 1/04 (2006.01); **G08G 1/16** (2006.01)

CPC (source: EP)
G08G 1/04 (2013.01); **G08G 1/164** (2013.01)

Citation (search report)

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