

Title (en)  
Airport surveillance system.

Title (de)  
Flughafenüberwachungsanlage.

Title (fr)  
Système de surveillance d'un aéroport.

Publication  
**EP 0613111 A1 19940831 (EN)**

Application  
**EP 94301263 A 19940223**

Priority  
US 2400793 A 19930226

Abstract (en)  
An airport surveillance system for detection of aircraft or other vehicles having a sensor co-located with edge lights (201-N) along taxiways, runways and other surface areas, the sensor output being coupled to a central computer system (26,28) via the airport's edge light power lines (211-N). The detection system comprises infrared sensors (50, Fig. 2). The output of each sensor (50) is fed into a microprocessor (44) within an edge light assembly (20) and then to a power line modem (54) for transmission to the central computer (26,28) which includes a display system (30) at the airport tower for displaying the airport and all traffic thereon. Data from each sensor (50) along taxiways and runways is received at the central computer system (26,8) and processed to provide comprehensive vehicle tracking and control of all ground traffic on the airport. <IMAGE>

IPC 1-7  
**G08G 5/06**

IPC 8 full level  
**G08G 5/04** (2006.01); **G08G 5/06** (2006.01); **G08G 9/02** (2006.01)

CPC (source: EP)  
**G08G 5/0026** (2013.01); **G08G 5/0082** (2013.01); **G08G 5/065** (2013.01)

Citation (search report)  
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Designated contracting state (EPC)  
DE ES FR GB IT NL SE

DOCDB simple family (publication)  
**EP 0613111 A1 19940831**; CA 2114755 A1 19940827; JP H06301900 A 19941028; NO 940627 D0 19940224; NO 940627 L 19940829

DOCDB simple family (application)  
**EP 94301263 A 19940223**; CA 2114755 A 19940202; JP 2996594 A 19940228; NO 940627 A 19940224