

Title (en)

Airport incursion avoidance system.

Title (de)

Anlage zur Vermeidung des Eindringens in einen Flughafen.

Title (fr)

Système pour éviter l'incursion d'un aéroport.

Publication

**EP 0613110 A1 19940831 (EN)**

Application

**EP 94301262 A 19940223**

Priority

US 2376193 A 19930226

Abstract (en)

An airport incursion avoidance system for detection of aircraft and other vehicles utilizes edge lights [20] along taxiways and runways by having a sensor [50] co-located with each edge light, the sensor output being coupled to a central computer system [12] via the airport's edge light power lines [21]. The detection system comprises infrared sensors. 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 system [12] which includes a display [30] at the airport tower for showing the airport and all traffic thereon. Data from each sensor [50] along taxiways and runways is received at the central computer system [12] and processed to provide vehicle tracking and control of all ground traffic on the airport taxiways and runways to avoid an airport incursion. <IMAGE>

IPC 1-7

**G08G 5/06**

IPC 8 full level

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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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