

Title (en)  
Early warning tracking system.

Title (de)  
Frühwarmungsverfolgungsanlage.

Title (fr)  
Système de suivi à avertissement précoce.

Publication  
**EP 0415587 A2 19910306 (EN)**

Application  
**EP 90308833 A 19900810**

Priority  
US 40025889 A 19890829

Abstract (en)  
An early warning tracking system wherein a predefined polygonal zone's position is compared with an uncertainty region projected out in front of each approaching object. Conflicts of the uncertainty regions with the predefined polygonal zone are first considered in two dimensions and finally, in a third dimension only if a lateral intrusion is preliminarily indicated. The uncertainty regions as defined are a function of the position and velocity determination as well as the variances and covariance associated with the positional and velocity determinations.

IPC 1-7  
**G08G 5/04**

IPC 8 full level  
**G08G 5/04** (2006.01)

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

Cited by  
EP1517281A3; DE19843799A1

Designated contracting state (EPC)  
CH DE GB LI SE

DOCDB simple family (publication)  
**EP 0415587 A2 19910306; EP 0415587 A3 19921223; EP 0415587 B1 19960103**; AU 612082 B1 19910627; CA 2022313 A1 19910301; DE 69024563 D1 19960215; DE 69024563 T2 19960905; FI 904196 A0 19900824; HK 105496 A 19960628

DOCDB simple family (application)  
**EP 90308833 A 19900810**; AU 6127190 A 19900823; CA 2022313 A 19900725; DE 69024563 T 19900810; FI 904196 A 19900824; HK 105496 A 19960619