

Title (en)

A method and device for automatically detecting and counting bodies passing through a gap

Title (de)

Verfahren und Vorrichtung zum automatischen Detektieren und Zählen von, durch eine Öffnung, passierenden Körpern

Title (fr)

Procédé et dispositif pour détecter et compter automatiquement des corps passant par une ouverture

Publication

**EP 0847030 A2 19980610 (EN)**

Application

**EP 97121056 A 19971201**

Priority

IT TO960984 A 19961204

Abstract (en)

A method for automatically detecting and counting bodies passing through a gap (A) includes the steps of monitoring the gap (A) with means for generating image signals (3; 4, 9) to obtain a succession of images (4a, 4b; L0, L1, ..., LN) of each body (B) passing through the gap (A), of processing these images (4a, 4b; L0, L1, ..., LN) to obtain an altimetric map for each body (B) passing through the gap (A) for each moment considered, of comparing at least one altimetric map obtained with at least one model of altimetric map stored in a processing unit (5), and of activating a counting procedure depending on the result of the comparison. <IMAGE>

IPC 1-7

**G07C 9/00**

IPC 8 full level

**G07C 9/00** (2006.01)

CPC (source: EP)

**G07C 9/00** (2013.01)

Cited by

EP1100050A1; FR2800895A1; EP1306815A1; FR2945652A1; US7400744B2; WO2010130964A1; WO03088157A1; US7692684B2; US7382895B2; US7623674B2; US7397929B2; US8326084B1

Designated contracting state (EPC)

DE ES FR GB

DOCDB simple family (publication)

**EP 0847030 A2 19980610; EP 0847030 A3 19991201**; IT 1289712 B1 19981016; IT TO960984 A1 19980604

DOCDB simple family (application)

**EP 97121056 A 19971201**; IT TO960984 A 19961204