

Title (en)  
Metallic mass detection system

Title (de)  
Metallmassefühleranordnung

Title (fr)  
Système de détection de masses métalliques

Publication  
**EP 0770978 B1 20020206 (FR)**

Application  
**EP 96402242 A 19961022**

Priority  
FR 9512717 A 19951027

Abstract (en)  
[origin: EP0770978A1] The system includes a magnetic detector (DEC1) sensitive to the direction of the magnetic field placed with a tube (TUB). The outside shape of the detector and internal section of the tube are such that the detector is able to slide along the tube but may not turn about the axis of the tube. The cross-section of the detector and the tube internally may be polygonal, or square. The tube is placed in an inaccessible position, or may be embedded in the surface of the road (R) for example, but access to the ends of the tube is retained for maintenance. A number of such detectors may be placed at intervals along the length of the tube (and consequently across the surface of the road).

IPC 1-7  
**G08G 1/042**

IPC 8 full level  
**G08G 1/015** (2006.01); **G08G 1/042** (2006.01)

CPC (source: EP)  
**G08G 1/015** (2013.01); **G08G 1/042** (2013.01)

Cited by  
ES2180410A1; EP1628275A1; CN106355898A; FR2790834A1; EP1193662A1; EP3567351A1; FR3035256A1; US7765056B2; WO2006018421A1; WO03028047A3; WO0049590A1

Designated contracting state (EPC)  
DE FR GB NL

DOCDB simple family (publication)  
**EP 0770978 A1 19970502; EP 0770978 B1 20020206**; DE 69619053 D1 20020321; FR 2740592 A1 19970430; FR 2740592 B1 19971121

DOCDB simple family (application)  
**EP 96402242 A 19961022**; DE 69619053 T 19961022; FR 9512717 A 19951027