

Title (en)
Transducer support

Title (de)
Sondenträger

Title (fr)
Support pour un transducteur

Publication
EP 0769707 A3 19980401 (DE)

Application
EP 96116736 A 19961018

Priority
• DE 19540961 A 19951021
• DE 29608667 U 19960514

Abstract (en)
[origin: US5892360A] A probe carrying vehicle is described which has at least one probe carrier which preferably carries at least one eddy current probe and at least one magnetic field probe for ground and foreign matter detection in a search area. Spacing means which may be in the form of a bogie assembly with wheels or chains or the like are provided to maintain a spacing between the ground and the probes. The probe carrier is movable over the search area by means of a craft, to which the probe carrier is flexibly coupled by means of coupling means. The coupling means are disposed on one end of a preferably long pole, the other end of the pole being fixed rigidly to the probe carrier. The pole ensures a proper orientation of the probe relative to the ground particularly on uneven ground.

IPC 1-7
G01V 3/15

IPC 8 full level
F41H 11/16 (2011.01)

CPC (source: EP US)
F41H 11/136 (2013.01 - EP US); **F41H 11/16** (2013.01 - EP US)

Citation (search report)
• [XA] FR 51551 E 19430205 - SOC IND DES PROCEDES LOTH
• [X] GB 1443925 A 19760728 - BALFOUR KILPATRICK LTD
• [XA] US 4021725 A 19770503 - KIRKLAND JAMES L
• [A] EP 0040988 A2 19811202 - VOSPER INT LTD [GB]
• [PA] DE 19502455 A1 19960801 - LOBBE XENEX GMBH [DE]

Designated contracting state (EPC)
DE DK FR GB IT SE

DOCDB simple family (publication)
US 5892360 A 19990406; EP 0769707 A2 19970423; EP 0769707 A3 19980401

DOCDB simple family (application)
US 73432896 A 19961021; EP 96116736 A 19961018