Title (en)

GPS aided continuous route survey system with multi sensors

Title (de)

GPS gestütztes, kontinuierliches Trassenerkundungssystem mit Multisensorik

Title (fr)

Système d'exploration de tracé commandé par GPS et continu doté d'un système sensoriel

Publication

EP 1862593 A3 20080604 (DE)

Application

EP 07010752 A 20070531

Priority

DE 102006026048 A 20060601

Abstract (en)

[origin: EP1862593A2] The method involves scanning the line building by a measuring vehicle with a gauge device, transferring data memory captured by the gauge device to a central data memory device and determining the geographical position of the gauge device along the line building. The data with a reference data, which are in a reference database are determined with the gauge device before geological layer compositions and put down by a digital data processing. The determined geological layer compositions are compared and then assigned. An independent claim is also included for a condition detecting device for line construction.

IPC 8 full level

E01B 35/06 (2006.01)

CPC (source: EP)

E01B 35/00 (2013.01); **E01B 35/06** (2013.01); **E01C 23/01** (2013.01)

Citation (search report)

- [A] WO 0061419 A1 20001019 - CESKE DRAHY [CZ], et al
- [DA] DE 4340254 A1 19950601 - GOEBEL CLAUS PROF DR [DE], et al
- [A] EP 1582632 A1 20051005 - GBM WIEBE GLEISBAUMASCHINEN GM [DE]
- [DA] WO 0190738 A2 20011129 - BAHN AG FORSCHUNGS UND TECHNOL [DE], et al

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CN105844995A; AT526491A1; CN112558045A; US11643121B2; EP3522511A1; WO2019149407A1; US11991307B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 1862593 A2 20071205; **EP 1862593 A3 20080604**; **EP 1862593 B1 20111019**; **EP 1862593 B2 20161102**; AT E529571 T1 20111115; DE 102006026048 A1 20071220

DOCDB simple family (application)

EP 07010752 A 20070531; AT 07010752 T 20070531; DE 102006026048 A 20060601