

Title (en)

COMMUNICATING SURVEY NAIL, TOPOGRAPHICAL GRID, DEVICE AND METHOD FOR RECORDING TOPOGRAPHY AND COMMUNICATING PORTABLE TERMINAL

Title (de)

KOMMUNIZIERENDER VERMESSUNGSNAGEL, TOPOGRAFISCHES GITTER, VORRICHTUNG UND VERFAHREN ZUR AUFZEICHNUNG DER TOPOGRAFIE UND KOMMUNIZIERENDES TRAGBARES ENDGERÄT

Title (fr)

CLOU DE REPÉRAGE D'ARPENTAGE COMMUNIQUANT, MAILLAGE TOPOGRAPHIQUE, DISPOSITIF ET PROCÉDÉ DE RELEVÉ TOPOGRAPHIQUE ET TERMINAL PORTABLE COMMUNIQUANT

Publication

**EP 3899426 A2 20211027 (FR)**

Application

**EP 19848792 A 20191219**

Priority

- FR 1873705 A 20181220
- FR 1901291 A 20190208
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Abstract (en)

[origin: CA3120051A1] The invention relates to a network of communicating survey nails (10) that each comprise an active radio-frequency identification beacon, comprising: - a stand-alone electrical power source for powering a transmitter and a storing means; - the storing means storing a unique identifier and information on the position of the nail; - the transmitter transmitting, using an RFID protocol, a radiofrequency signal containing said unique identifier and said information on the position of the nail, the transmitter comprising an antenna. The invention also relates to a device (30) for recording topography, which comprises at least three nails (10) and a geo-referencing device (36) comprising: - a first means (361) for communicating using an RFID protocol, for receiving the radiofrequency signal containing the unique identifier and the position information of each nail; and - a triangulating means (363) configured to compute the position of the geo-referencing device with respect to the position of the three nails.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2020128365A2

Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (publication)

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