

Title (en)

METHOD FOR OBTAINING UNDERGROUND IMAGERY USING A GROUND-PENETRATING RADAR

Title (de)

VERFAHREN ZUR ERFASSUNG VON UNTERIRDISCHER BILDGEBUNG MITTELS EINES BODENRADARS

Title (fr)

PROCEDE D'OBTENTION D'UNE IMAGERIE DU SOUS-SOL UTILISANT UN RADAR A PENETRATION DE SOL

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Application

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Abstract (en)

[origin: WO0144833A1] The invention concerns a method for obtaining underground imaging, using a ground-penetrating radar comprising means for transmitting, receiving and processing signals. The invention is characterised in that it consists in: transmitting signals from a fixed point relative to the underground zone and using at least two electrical antennae; receiving the signals reflected or backscattered by reflectors or diffusers from said underground zone through said electrical antennae and three magnetic antennae; and processing said reflected or backscattered signals with an algorithm to obtain said underground imaging.

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IPC 8 full level

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