Title (en)
Method for characterising a primary layer.

Title (de)
Verfahren zur Charakterisierung einer Grundschicht.

Title (fr)
Procédé de caractérisation d'une couche de terrain.

Publication
EP 0401119 A1 19901205 (FR)

Application
EP 90401465 A 19900531

Priority
FR 8907178 A 19890531

Abstract (en)
The invention relates to a method of characterising a layer of terrain, and in particular of determining its stratigraphy. A drilling is carried out in this terrain, during the drilling a certain number of raw parameters are recorded, including at least the depth reached, in accordance with a predetermined sampling protocol; these parameters are digitised; the parameters thus digitised are inserted into a volatile database contained in a memory of a processing unit also containing a permanent database, a rule base and an inference engine; for at least certain sampling cycles an inference cycle of the inference engine is triggered using the volatile database, the permanent database and the rule base in order to deduce therefrom the type of terrain traversed by the drilling; at least the type of terrain thus inferred, associated with its depth, is added to the permanent database; and the volatile database is reset to zero. <IMAGE>

IPC 1-7
E21B 44/00; E21B 49/00

IPC 8 full level
E21B 44/00 (2006.01); **E21B 49/00** (2006.01); **G06F 17/40** (2006.01); E21B 41/00 (2006.01)

CPC (source: EP)
E21B 44/00 (2013.01); **E21B 49/003** (2013.01); E21B 2200/22 (2020.05)

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Designated contracting state (EPC)
AT BE DE ES FR GB IT

DOCDB simple family (publication)
EP 0401119 A1 19901205; DE 401119 T1 19910523; ES 2019564 A4 19910701; FR 2647849 A1 19901207; FR 2647849 B1 19951229

DOCDB simple family (application)
EP 90401465 A 19900531; DE 90401465 T 19900531; ES 90401465 T 19900531; FR 8907178 A 19890531