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**(54) Title (EN):** SYSTEM AND METHOD FOR AUTOMATED POST-GEOSTEERING

**(54) Title (FR):** SYSTÈME ET PROCÉDÉ DE POST-GÉOUIDAGE AUTOMATISÉ

**(57) Abstract:**

**(EN):** A method is described for automated post-geosteering including receiving a pilot well log and a lateral well log with an initial lateral well path (10); performing automated post-geosteering to generate a corrected well path image; and displaying the corrected well path image (14) on a graphical display. The method may be executed by a computer system.

**(FR):** L'invention concerne un procédé de post-géoguidage automatisé comprenant la réception d'un profil de sondage pilote et d'un profil de sondage latéral avec un trajet de puits latéral initial (10) ; la réalisation d'un post-géoguidage automatisé pour générer une image de trajet de puits corrigée ; et l'affichage de l'image de trajet de puits corrigée (14) sur un affichage graphique. Le procédé peut être mis en œuvre par un système informatique.

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European Patent Office (EPO) : AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR

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African Regional Intellectual Property Organization (ARIPO) : BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW

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**Declarations:**

Declaration made as applicant's entitlement, as at the international filing date, to apply for and be granted a patent (Rules 4.17(ii) and 51bis.1(a)(ii)), in a case where the declaration under Rule 4.17(iv) is not appropriate

Declaration made as applicant's entitlement, as at the international filing date, to claim the priority of the earlier application, where the applicant is not the applicant who filed the earlier application or where the applicant's name has changed since the filing of the earlier application (Rules 4.17(iii) and 51bis.1(a)(iii))