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(54) **CALCULATING DOWNHOLE CARDS IN DEVIATED WELLS**

BERECHNUNG VON BOHRLOCHKARTEN IN VERZWEIGTEN BOHRLÖCHERN

CARTES DE FOND DE Puits POUR LE CALCUL DANS DES Puits DÉVIÉS

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(56) References cited:
US-A- 4 594 665 US-A- 5 464 058
US-A1- 2011 091 332 US-A1- 2011 091 335
US-B2- 7 168 924 US-B2- 8 036 829
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• **APPLICANT'S ADMITTED PRIOR ART**

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