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(54) Title: ARTIFACT REDUCTION IN METHOD OF ITERATIVE INVERSION OF GEOPHYSICAL DATA

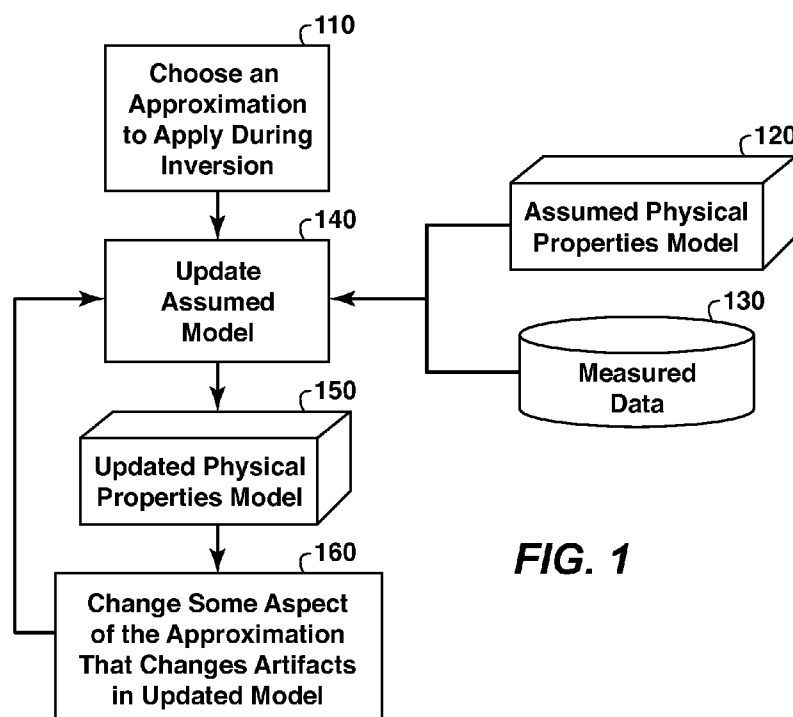


FIG. 1

(57) Abstract: Method for reducing artifacts in a subsurface physical properties model (120) inferred by iterative inversion (140) of geophysical data (130), wherein the artifacts are associated with some approximation (110) made during the iterative inversion. In the method, some aspect of the approximation is changed (160) as the inversion is iterated such that the artifacts do not increase by coherent addition.



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GW, ML, MR, NE, SN, TD, TG).

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