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(54) Title: ENHANCED PROJECTION ON CONVEX SETS FOR INTERPOLATION AND DEBLENDING

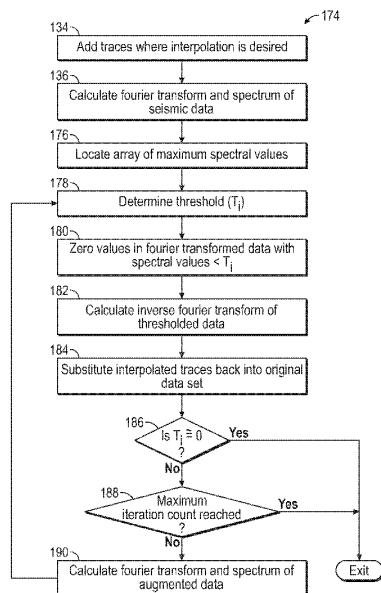


FIG. 9

(57) Abstract: Seismic data may provide valuable information with regard to the description such as the location and/or change of hydrocarbon deposits within a sub-surface region of the Earth. The present disclosure generally discusses techniques that may be used by a computing system to interpolate or deblend data utilizing a projection on convex sets (POCS) interpolation algorithm. The utilized POCS interpolation algorithm operates in parallel for frequency of a set of frequencies of a seismic frequency spectrum.

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