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(54) Title: INTERNAL OLEFIN SULFONATE COMPOSITION

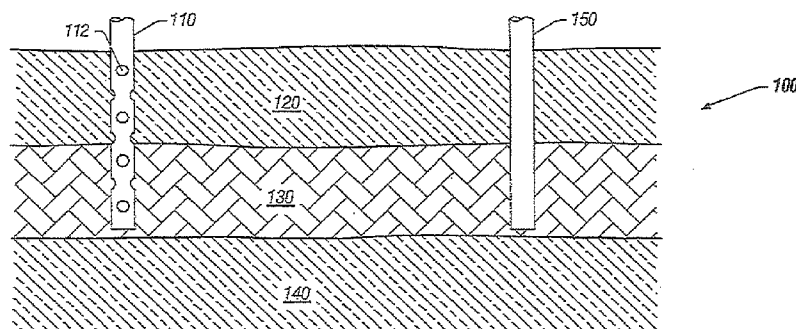


FIG. 1

(57) Abstract: The present invention provides an internal olefin sulfonate composition, comprising water and an internal olefin sulfonate mixture having an average carbon number of at least 20, wherein the internal olefin sulfonate mixture comprises hydroxy sulfonates and alkene sulfonates in a weight ratio of hydroxy sulfonates to alkene sulfonates of at least 3.25. The invention further provides a method of treating a crude oil containing formation.