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(54) Title: TEXTURED SURFACES OF EXPANDING METAL FOR CENTRALIZER, MIXING, AND DIFFERENTIAL STICK-ING

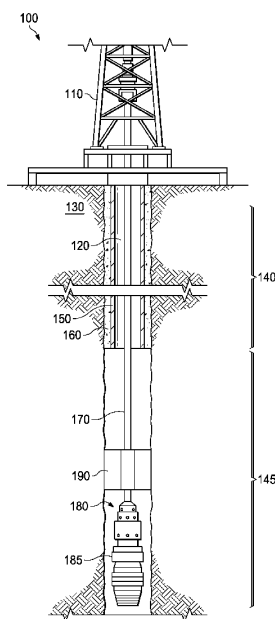


FIG. 1

(57) Abstract: Provided is an expandable metal centralizer for use in a wellbore. The expandable metal centralizer, in one aspect, includes a downhole tubular positionable on a downhole conveyance in a wellbore. In accordance with this aspect, the expandable metal centralizer additionally includes one or more wellbore centralizing elements radially extending from the downhole tubular, wherein at least one of the downhole tubular or the one or more wellbore centralizing elements comprises a metal configured to expand in response to hydrolysis.

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