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(54) Title: DUAL MODE CORROSION INHIBITOR FOR HYDROCARBON PROCESSES

(57) Abstract: A method of suppressing corrosion of a corrodible metal surface that contacts a fluid stream in a hydrocarbon system. The method includes introducing into the fluid stream a treatment chemistry including an organometallic corrosion inhibitor having a metal and an organic carboxylic acid. The organometallic corrosion inhibitor is hydrocarbon soluble and the metal is released from the organometallic corrosion inhibitor in the presence of water or H₂S.

