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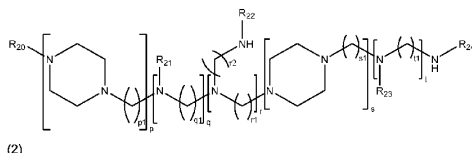
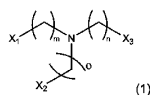
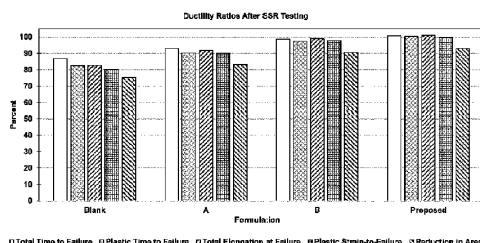
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(54) Title: CORROSION INHIBITOR FOR MITIGATING ALKALINE CARBONATE STRESS CORROSION CRACKING

FIG. 1



(57) **Abstract:** Compounds, compositions and methods are provided for reducing, inhibiting, or preventing corrosion of a surface, using a corrosion-inhibiting composition comprising a dispersant having the structure of Formula 1 and a corrosion inhibitor having the structure of Formula 2, wherein X₁ is hydroxyl, -OC(O)R₁; X₂ is hydroxyl, or -OC(O)R₂; X₃ is hydroxyl or -OC(O)R₃; R₁, R₂, and R₃ are independently C₁₀ to C₃₀ alkyl or alkenyl; m, n, and o are independently integers from 1 to 10; R₂₀, R₂₁, R₂₂, R₂₃, and R₂₄ are independently hydrogen or -C(O)-R₃₁; R₃₁ is C₁₀ to C₃₀ alkyl or alkenyl; p is an integer of 0 or 1; q is an integer of 1 to 4; r is an integer of 0 or 1; s is an integer of 0 or 1; t is an integer of 1 to 4; and p1, q1, r1, s1, and t1 are independently integers from 1 to 6; wherein when p, r, and s are 0, q+t is an integer from 4 to 8 and at least one of R₂₀, R₂₁, R₂₂, R₂₃, and R₂₄ is -C(O)-R₃₁.

[Continued on next page]

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