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(71) Applicant (for all designated States except US): **DORF KETAL CHEMICALS (INDIA) PRIVATE LIMITED** [IN/IN]; An Indian Company, Dorf Ketal Tower, D'Monte Street, Orlem, Malad (W), Mumbai 400 064 Maharashtra (IN).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **SUBRAMANIYAM, Mahesh** [IN/IN]; Dorf Ketal Tower, D'Monte Street, Orlem, Malad (W), Mumbai 400 064, Maharashtra (IN).

(74) Agent: **MEHTA, Ramesh, Kumar**; Mehta & Mehta Associates, Mehta House, B-474, Sushant Lok-I, Sector 27, Gurgaon 122 002 (IN).

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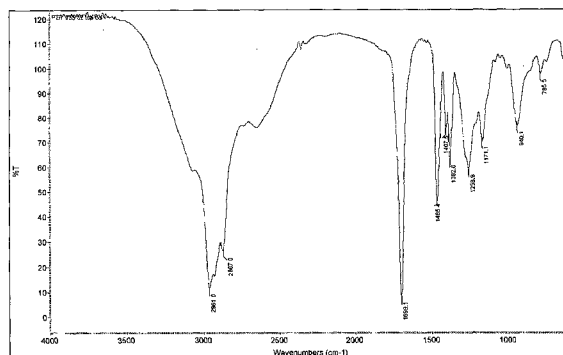
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(54) Title: ADDITIVE AND METHOD FOR REMOVAL OF IMPURITIES FORMED DUE TO SULFUR COMPOUNDS IN CRUDE OILS CONTAINING CALCIUM NAPHTHENATE

Figure 9



(57) Abstract: An additive capable of avoiding formation of impurities and capable of removing or dissolving impurities formed and accumulated at the interphase of organic and aqueous layers on reaction between calcium naphthenate and sulfur compound including H₂S in presence of water in mixture of crude oils containing calcium naphthenate and sulfur compound or H₂S, wherein the additive is glyoxylic acid is provided. A method for avoiding formation of impurities and for removing or dissolving impurities formed and accumulated at the interphase of organic and aqueous layers on reaction between calcium naphthenate and sulfur compound including H₂S in presence of water in mixture of crude oils containing calcium naphthenate and sulfur compound including H₂S, comprising treating mixture of crude oils containing calcium naphthenate and sulfur compound or H₂S with glyoxylic acid is also provided.