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(54) Title: QUATERNARY AMMONIUM SALT DETERGENTS FOR USE IN FUELS

(57) Abstract: A quaternary ammonium salt detergent made from the reaction product of the reaction of: (a) a hydrocarbyl substituted acylating agent and a compound having an oxygen or nitrogen atom capable of condensing with said acylating agent and further having a tertiary amino group; and (b) a quaternizing agent suitable for converting the tertiary amino group to a quaternary nitrogen and the use of such quaternary ammonium salt detergents in a fuel composition to reduce intake valve deposits.



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