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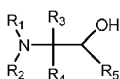
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(54) Title: COMPOSITION AND METHOD FOR PREVENTING OR REDUCING LOW SPEED PRE-IGNITION IN SPARK-IGNITED INTERNAL COMBUSTION ENGINES



(57) Abstract: Disclosed herein is a fuel composition having (1) greater than 50 wt % of a hydrocarbon fuel boiling in the gasoline or diesel range and (2) a minor amount of a low-speed pre-ignition (LSPi)-reducing additive having one or more of an amidine, or a beta-amino alcohol having the structure [Formula]. R₁, R₂, R₃, and R₄ are each independently selected from hydrogen, aromatic ring, and a C₁-C₂₀ alkyl group and R₅ is hydrogen or an alcohol having the structure -(CH)₆-OH. R₆ is hydrogen, a C₁-C₁₀ alkyl group, or a C₁-C₁₀ alkenyl group, or a salt thereof.

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