

Title (en)
UNLEADED GASOLINE FORMULATIONS FOR PISTON ENGINES

Title (de)
BLEIFREIE BENZINFORMULIERUNGEN FÜR HUBKOLBENMASCHINEN

Title (fr)
COMPOSITIONS D'ESSENCE SANS PLOMB POUR MOTEURS À PISTON

Publication
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Application
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Priority

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Abstract (en)
[origin: US2016010018A1] Disclosed herein are fuel formulations comprising C4-C12 aliphatic hydrocarbons and cumidine. In embodiments, the formulations further include a limited amount of aromatic hydrocarbons. In other embodiments, the aliphatic hydrocarbons are alkylates, and in still other embodiment the alkylates are alkanes. These fuel formulations provide unique and advantageous physical properties suitable for piston engines.

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Citation (search report)

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- [A] HENRY E ALQUIST ET AL: "WARTIME REPORT: KNOCK-LIMITED PERFORMANCE OF BLENDS OF AN-F -28 FUEL CONTAINING 2 PERCENT AROMATIC AMINES -III", 31 August 1944 (1944-08-31), XP055436319, Retrieved from the Internet <URL:http://www.dtic.mil/dtic/tr/fulltext/u2/b803955.pdf> [retrieved on 20171219]
- See references of WO 2016010952A1

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