

Title (en)

GASOLINE ADDITIVE COMPOSITION FOR IMPROVED ENGINE PERFORMANCE

Title (de)

BENZINZUSATZZUSAMMENSETZUNG FÜR VERBESSERTE MOTORLEISTUNG

Title (fr)

COMPOSITION D'ADDITIF POUR ESSENCE POUR AMÉLIORER LES PERFORMANCES D'UN MOTEUR

Publication

EP 4345151 A1 20240403 (EN)

Application

EP 23195793 A 20230906

Priority

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- US 202318361286 A 20230728

Abstract (en)

The present disclosure provides fuel additives including Mannich detergent additive(s) and succinimide detergent additive(s) effective to improve engine performance in both port fuel injected and gasoline direct injection engines.

IPC 8 full level

C10L 1/14 (2006.01); **C10L 1/198** (2006.01); **C10L 1/22** (2006.01); **C10L 1/224** (2006.01); **C10L 1/238** (2006.01); **C10L 1/2383** (2006.01); **C10L 10/04** (2006.01); **C10L 10/06** (2006.01)

CPC (source: EP KR)

C10L 1/06 (2013.01 - KR); **C10L 1/14** (2013.01 - EP); **C10L 1/143** (2013.01 - KR); **C10L 1/146** (2013.01 - KR); **C10L 1/1641** (2013.01 - KR); **C10L 1/192** (2013.01 - KR); **C10L 1/1985** (2013.01 - KR); **C10L 10/04** (2013.01 - KR); **C10L 10/18** (2013.01 - KR); **C10L 1/1985** (2013.01 - EP); **C10L 1/221** (2013.01 - EP); **C10L 1/224** (2013.01 - EP); **C10L 1/238** (2013.01 - EP); **C10L 1/2383** (2013.01 - EP); **C10L 10/04** (2013.01 - EP); **C10L 10/06** (2013.01 - EP); **C10L 2200/0423** (2013.01 - EP); **C10L 2270/023** (2013.01 - EP)

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Designated contracting state (EPC)

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BA

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