

## 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**

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## 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)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

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BA

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## DOCDB simple family (application)

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