

Title (en)

ALKOXYLATED AMINES AS FUEL ADDITIVES

Title (de)

ALKOXYLIERTE AMINE ALS KRAFTSTOFFADDITIVE

Title (fr)

AMINES ALCOXYLÉES UTILISÉES COMME ADDITIFS POUR CARBURANTS

Publication

**EP 3609986 A1 20200219 (DE)**

Application

**EP 18720112 A 20180403**

Priority

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- EP 2018058398 W 20180403

Abstract (en)

[origin: WO2018188982A1] The invention relates to alkoxyated amines as fuel additives for reducing deposits on injectors in direct-injection gasoline engines.

IPC 8 full level

**C10L 1/182** (2006.01); **C10L 1/198** (2006.01); **C10L 1/222** (2006.01); **C10L 1/224** (2006.01); **C10L 1/2387** (2006.01); **C10L 10/06** (2006.01)

CPC (source: EP US)

**C10L 1/2222** (2013.01 - US); **C10L 1/2225** (2013.01 - EP); **C10L 1/238** (2013.01 - EP); **C10L 1/2383** (2013.01 - US); **C10L 1/2387** (2013.01 - EP); **C10L 10/04** (2013.01 - EP US); **C10L 10/06** (2013.01 - EP); **C10L 1/1824** (2013.01 - EP); **C10L 1/1985** (2013.01 - EP); **C10L 1/224** (2013.01 - EP); **C10L 1/2383** (2013.01 - EP); **C10L 2200/0423** (2013.01 - EP US); **C10L 2270/023** (2013.01 - EP US)

Citation (search report)

See references of WO 2018188982A1

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2018188982 A1 20181018**; AU 2018253240 A1 20191017; CN 110494534 A 20191122; EP 3609986 A1 20200219; EP 3609986 B1 20221012; RU 2019135830 A 20210511; SG 11201909437R A 20191128; US 11130923 B2 20210928; US 2020102515 A1 20200402

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