

Title (en)

USE OF A COMPOSITION IN ORDER TO IMPROVE THE SPRAY FROM THE INJECTORS OF A COMBUSTION ENGINE

Title (de)

VERWENDUNG EINER ZUSAMMENSETZUNG ZUR VERBESSERUNG DER SPRÜHUNG AUS DEN INJEKTOREN EINES VERBRENNUNGSMOTORS

Title (fr)

UTILISATION D'UNE COMPOSITION POUR AMELIORER LA PULVERISATION DES INJECTEURS D'UN MOTEUR A COMBUSTION

Publication

EP 2954031 A1 20151216 (FR)

Application

EP 14706892 A 20140205

Priority

- FR 1350981 A 20130205
- FR 2014050218 W 20140205

Abstract (en)

[origin: WO2014122398A1] The invention relates to the use of a composition in order to improve the spray from the injectors of a combustion engine, said composition comprising by weight percent in relation to the total weight of the composition: 60 to 95% of a mixture of at least a first fatty diamine and a second fatty diamine, said diamines being different; and 5 to 40 % solvent.

IPC 8 full level

C10L 1/22 (2006.01); **C10L 1/2387** (2006.01); **C10L 10/04** (2006.01); **C10L 10/06** (2006.01); **C10L 10/14** (2006.01)

CPC (source: EP US)

C10L 1/16 (2013.01 - US); **C10L 1/1608** (2013.01 - EP US); **C10L 1/1616** (2013.01 - EP US); **C10L 1/22** (2013.01 - US); **C10L 1/2222** (2013.01 - EP US); **C10L 1/2387** (2013.01 - EP US); **C10L 10/04** (2013.01 - EP US); **C10L 10/06** (2013.01 - EP US); **C10L 10/14** (2013.01 - EP US); **C10L 2200/0259** (2013.01 - US); **C10L 2270/02** (2013.01 - US); **C10L 2290/24** (2013.01 - US)

Citation (search report)

See references of WO 2014122398A1

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 MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

FR 3001734 A1 20140808; **FR 3001734 B1 20150123**; CA 2900083 A1 20140814; EP 2954031 A1 20151216; US 2016002548 A1 20160107; WO 2014122398 A1 20140814

DOCDB simple family (application)

FR 1350981 A 20130205; CA 2900083 A 20140205; EP 14706892 A 20140205; FR 2014050218 W 20140205; US 201414763605 A 20140205