

Title (en)
COMPOSITIONS AND METHODS FOR ENGINE CARBON REMOVAL

Title (de)
ZUSAMMENSETZUNGEN UND VERFAHREN ZUR KOHLENSTOFFENTFERNUNG AUS EINEM MOTOR

Title (fr)
COMPOSITIONS ET PROCÉDÉS DESTINÉS À L'ÉLIMINATION DU CARBONE D'UN MOTEUR

Publication
EP 3634646 A4 20210414 (EN)

Application
EP 18812738 A 20180514

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- US 201715619223 A 20170609
- US 201715704644 A 20170914
- US 201815906075 A 20180227
- US 2018032588 W 20180514

Abstract (en)
[origin: WO2018226369A1] Testing of various chemicals has yielded new chemicals and chemical mixtures for the use of removing carbon deposits from the internal combustion engine. Some of these chemicals and chemical mixtures have proven to work better across many different carbon types than prior art. These chemicals can remove carbon from the internal combustion engines induction system, combustion chambers, exhaust system, lubricated components, as well as the vehicles lubricated systems. Though testing these chemicals have proven to out preform the commercially available carbon removing chemistries. Additionally it has been found that to deliver the chemical/chemical mixtures affectively an air assist nozzle can be utilized. The air assist nozzle delivers the chemical/chemical mixture with volume and velocity. This enables the chemistry to be delivered to the carbon sites within the engine. Thus removing a greater amount of carbon deposit from the induction system and combustion chambers of the engine.

IPC 8 full level
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Citation (search report)

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- [X] EP 3088495 A1 20161102 - UNITED INITIATORS GMBH & CO KG [DE]
- [X] GB 2521169 A 20150617 - ENGYM SERVICES LTD [GB]
- [X] US 2014000158 A1 20140102 - GANNON GORDON [US], et al
- [I] WO 2016122911 A1 20160804 - LUBRIZOL CORP [US]
- See references of WO 2018226369A1

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