

Title (en)

OIL-REPLACEMENT ADDITIVE FOR REDUCING EMISSIONS FROM TWO-STROKE ENGINES

Title (de)

ÖLERSATZADDITIV ZUR REDUZIERUNG DER EMISSIONEN VON ZWEITAKTMOTOREN

Title (fr)

ADDITIF DE REMPLACEMENT D'HUILE PERMETTANT DE RÉDUIRE LES ÉMISSIONS DES MOTEURS À DEUX TEMPS

Publication

EP 3440164 A4 20191204 (EN)

Application

EP 17779447 A 20170407

Priority

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- SE 2017050345 W 20170407

Abstract (en)

[origin: WO2017176206A1] An oil-replacement additive for two-stroke engine fuel capable of reducing fuel consumption, enhancing combustion and reducing emissions comprises boron and a carrier, wherein the boron concentration in said additive is in the interval of 100 to 600 ppm, the carrier comprises an alcohol, the amount of oil in the additive is less than 10 % (w/w), and the balance is a fuel. Most preferably said additive is substantially oil-free. A two-stroke fuel comprising said additive, and a significantly reduced amount of oil, or substantially no oil, said fuel having a boron concentration in the interval of about 1 to 12ppm.

IPC 8 full level

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CPC (source: EP US)

C10L 1/10 (2013.01 - EP US); **C10L 1/12** (2013.01 - US); **C10L 10/02** (2013.01 - EP US); **C10L 10/08** (2013.01 - EP US); **C10L 1/1291** (2013.01 - EP US); **C10L 1/1616** (2013.01 - EP US); **C10L 1/1824** (2013.01 - EP US); **C10L 2230/22** (2013.01 - EP US); **C10L 2270/023** (2013.01 - EP US); **C10L 2270/08** (2013.01 - EP US)

Citation (search report)

- [XDI] WO 2005083042 A1 20050909 - SELIN MATS [SE]
- [X] US 2005009712 A1 20050113 - ERDEMIR ALI [US]
- See references of WO 2017176206A1

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