

Title (en)

NANO-SIZED METAL AND METAL OXIDE PARTICLES FOR MORE COMPLETE FUEL COMBUSTION

Title (de)

NANOSKALIGE METALL- UND METALLOXIDTEILCHEN FÜR EINE VOLLSTÄNDIGERE VERBRENNUNG VON BRENNSTOFF

Title (fr)

NANOPARTICULES DE MÉTAL ET D'OXYDE MÉTALLIQUE POUR UNE COMBUSTION DU CARBURANT PLUS COMPLÈTE

Publication

EP 2164932 A4 20120104 (EN)

Application

EP 08770260 A 20080606

Priority

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- US 77028107 A 20070628

Abstract (en)

[origin: US2009000186A1] A fuel composition contains a liquid fuel and nano-sized metal particles or nano-sized metal oxide particles or combinations thereof. The nano-sized metal particles and nano-sized metal oxide particles can be used to either improve combustion or increase catalytic chemical oxidation of fuel.

IPC 8 full level

C10L 1/12 (2006.01); **C10L 1/10** (2006.01); **C10L 10/00** (2006.01); **C10L 10/02** (2006.01); **C10L 10/10** (2006.01); **C10L 10/12** (2006.01)

CPC (source: EP KR US)

C10L 1/02 (2013.01 - KR); **C10L 1/04** (2013.01 - KR); **C10L 1/10** (2013.01 - EP US); **C10L 1/103** (2013.01 - EP US); **C10L 1/12** (2013.01 - EP US); **C10L 1/1233** (2013.01 - EP US); **C10L 10/00** (2013.01 - EP US); **C10L 10/02** (2013.01 - EP US); **C10L 10/10** (2013.01 - EP KR US); **C10L 10/12** (2013.01 - EP US); **C10L 1/1208** (2013.01 - EP US)

Citation (search report)

- [X] US 2006254130 A1 20061116 - SCATTERGOOD ROGER [GB]
- [X] WO 0200812 A2 20020103 - CELOX LTD [GB], et al
- [X] WO 9921941 A1 19990506 - SANDERS JAMES KENNETH [US], et al
- See references of WO 2009005944A1

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US 77028107 A 20070628; CA 2691890 A 20080606; CN 200810137609 A 20080630; EP 08770260 A 20080606; KR 20080061904 A 20080627; MX 2010000215 A 20080606; US 2008066016 W 20080606