

Title (en)

LIQUID BIO-FUEL MIXTURE AND METHOD AND DEVICE FOR PRODUCING SAID MIXTURE

Title (de)

FLÜSSIGE BIO-BRENNSTOFFMISCHUNG SOWIE VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG DERSELBEN

Title (fr)

MELANGE COMBUSTIBLE BIOLOGIQUE LIQUIDE ET PROCEDE ET DISPOSITIF POUR LE PREPARER

Publication

EP 1848787 A1 20071031 (DE)

Application

EP 05821059 A 20051130

Priority

- DE 2005002156 W 20051130
- DE 102005007369 A 20050217

Abstract (en)

[origin: WO2006086936A1] The invention relates to a bio-fuel mixture, which is composed of a fraction of fatty acid alkyl esters and at least one fraction of bonded glycerine with a quantity of = 1 wt. % in relation to the glycerine skeleton and to a method and a device for producing the bio-fuel mixture. The bio-fuel mixture can be produced cost-effectively, can also be used as a fuel in diesel motors without additional heating and can be blended with conventional diesel fuel.

IPC 8 full level

C10L 1/02 (2006.01); **C12P 7/6458** (2022.01); **C12P 7/649** (2022.01)

CPC (source: EP KR US)

C10L 1/02 (2013.01 - KR); **C10L 1/026** (2013.01 - EP US); **C12P 7/6458** (2022.01 - EP KR US); **C12P 7/649** (2013.01 - EP KR US); **Y02E 50/10** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

YU

DOCDB simple family (publication)

WO 2006086936 A1 20060824; AR 053801 A1 20070523; AU 2005327879 A1 20060824; AU 2005327879 B2 20110303; BR PI0520104 A 20080610; CA 2597679 A1 20060824; CN 101184826 A 20080521; DE 112005003550 A5 20080124; EG 24718 A 20100607; EP 1848787 A1 20071031; JP 2008530318 A 20080807; JP 5072605 B2 20121114; KR 101290049 B1 20130730; KR 20070114132 A 20071129; MA 29308 B1 20080303; MX 2007009954 A 20070926; NO 20074212 L 20070917; US 2009203092 A1 20090813; ZA 200706614 B 20080430

DOCDB simple family (application)

DE 2005002156 W 20051130; AR P060100281 A 20060125; AU 2005327879 A 20051130; BR PI0520104 A 20051130; CA 2597679 A 20051130; CN 200580048168 A 20051130; DE 112005003550 T 20051130; EG NA2007000848 A 20070814; EP 05821059 A 20051130; JP 2007555445 A 20051130; KR 20077018837 A 20051130; MA 30126 A 20070803; MX 2007009954 A 20051130; NO 20074212 A 20070817; US 88446805 A 20051130; ZA 200706614 A 20070803