

Title (en)  
BIOFUEL CONVERSION PROCESS

Title (de)  
BIOKRAFTSTOFFUMWANDLUNGSVERFAHREN

Title (fr)  
PROCEDE DE CONVERSION EN BIOCARBURANT

Publication  
**EP 1877355 A1 20080116 (EN)**

Application  
**EP 06745799 A 20060421**

Priority  
• JP 2006308918 W 20060421  
• US 11260005 A 20050422

Abstract (en)  
[origin: US2006236595A1] A process, method, apparatus and materials for efficient conversion of waste vegetable oils into biofuel that does not use methanol as a reactant or catalyst. The resulting biofuel is mixed with kerosene or heavy oil to form a stable diesel fuel grade fuel that is mixable with diesel fuel. In addition, the process and apparatus are also applicable to the conversion of virgin vegetable oils and other waste or virgin oils, such as used motor oil, into fuels or fuel additives.

IPC 8 full level  
**C07C 7/13** (2006.01); **C10G 25/00** (2006.01); **C10L 1/00** (2006.01)

CPC (source: EP US)  
**C10G 1/08** (2013.01 - EP US); **C10G 1/086** (2013.01 - EP US); **C10L 1/026** (2013.01 - EP US); **Y02E 50/10** (2013.01 - EP US); **Y02P 30/20** (2015.11 - EP)

Citation (search report)  
See references of WO 2006115284A1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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**US 11260005 A 20050422**; BR PI0608492 A 20060421; CA 2606208 A 20060421; CN 200680013318 A 20060421; EP 06745799 A 20060421; JP 2006308918 W 20060421; JP 2007549744 A 20060421; TW 95114154 A 20060420