

Title (en)

METHOD FOR PRODUCING FATTY ACID ALKYL ESTERS

Title (de)

VERFAHREN ZUR HERSTELLUNG VON FETTSÄUREALKYLESTERN

Title (fr)

PROCÉDÉ DE PRODUCTION D'ALKYLESTERS D'ACIDES GRAS

Publication

EP 2225353 A2 20100908 (DE)

Application

EP 08860839 A 20081216

Priority

- EP 2008010690 W 20081216
- DE 102007061872 A 20071219
- DE 102008036295 A 20080804

Abstract (en)

[origin: WO2009077161A2] The present invention relates to a multi-stage method for producing fatty acid alkyl esters.

IPC 8 full level

C11C 3/00 (2006.01); **C10L 1/02** (2006.01)

CPC (source: EP US)

B01J 23/002 (2013.01 - EP US); **B01J 23/10** (2013.01 - EP US); **B01J 37/03** (2013.01 - EP US); **C07C 67/03** (2013.01 - EP US); **C10L 1/026** (2013.01 - EP US); **C11C 3/003** (2013.01 - EP US); **B01J 35/647** (2024.01 - EP US); **B01J 35/66** (2024.01 - EP US); **B01J 2523/00** (2013.01 - EP US); **C10G 2300/1011** (2013.01 - EP US); **Y02E 50/10** (2013.01 - EP US); **Y02P 30/20** (2015.11 - EP US)

C-Set (source: EP US)

1. **C07C 67/03 + C07C 69/52**
2. **C07C 67/03 + C07C 69/24**
3. **B01J 2523/00 + B01J 2523/22 + B01J 2523/31 + B01J 2523/3706**

Citation (search report)

See references of WO 2009077161A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

WO 2009077161 A2 20090625; WO 2009077161 A3 20090924; AR 071265 A1 20100609; AU 2008337840 A1 20090625; BR PI0821347 A2 20150616; CA 2709575 A1 20090625; CL 2008003689 A1 20091023; CN 101903509 A 20101201; CO 6280548 A2 20110520; EC SP10010215 A 20100730; EP 2225353 A2 20100908; MX 2010005939 A 20100802; PE 20091660 A1 20091115; PH 12010501172 A1 20090625; RU 2010129470 A 20120127; TW 200942513 A 20091016; US 2010298586 A1 20101125; UY 31523 A1 20090803

DOCDB simple family (application)

EP 2008010690 W 20081216; AR P080105331 A 20081209; AU 2008337840 A 20081216; BR PI0821347 A 20081216; CA 2709575 A 20081216; CL 2008003689 A 20081211; CN 200880121705 A 20081216; CO 10066574 A 20100602; EC SP10010215 A 20100528; EP 08860839 A 20081216; MX 2010005939 A 20081216; PE 2008002039 A 20081210; PH 12010501172 A 20080520; RU 2010129470 A 20081216; TW 97149307 A 20081218; US 74362108 A 20081216; UY 31523 A 20081210