

Title (en)

ALUMINUM OXIDE-CONTAINING ADSORBENTS FOR THE PURIFICATION OF BIODIESEL

Title (de)

ALUMINIUMOXIDHALTIGE ADSORBENTIEN ZUR AUFREINIGUNG VON BIODIESEL

Title (fr)

ADSORBANTS RENFERMANT DE L'OXYDE D'ALUMINIUM POUR LA PURIFICATION DE BIODIESEL

Publication

EP 2361150 A1 20110831 (DE)

Application

EP 09760491 A 20091120

Priority

- EP 2009008292 W 20091120
- DE 102008058393 A 20081121

Abstract (en)

[origin: WO2010057660A1] The invention relates to a method for purifying biodiesel, wherein: - a crude biodiesel is provided; - the crude biodiesel is reacted with an adsorbent, which contains at least one aluminum oxide-containing component, having an aluminum portion, calculated as Al₂O₃, of more than 40 wt %; and - a purified biodiesel is separated from the adsorbent.

IPC 8 full level

B01J 20/08 (2006.01); **B01J 20/12** (2006.01); **B01J 20/16** (2006.01); **C10L 1/02** (2006.01)

CPC (source: EP)

B01J 20/08 (2013.01); **B01J 20/16** (2013.01); **B01J 20/28004** (2013.01); **B01J 20/28042** (2013.01); **B01J 20/28052** (2013.01); **B01J 20/28057** (2013.01); **B01J 20/28069** (2013.01); **B01J 20/28078** (2013.01); **C10L 1/026** (2013.01); **B01J 2220/58** (2013.01); **C10G 2300/1011** (2013.01); **Y02E 50/10** (2013.01); **Y02P 30/20** (2015.11)

Citation (search report)

See references of WO 2010057660A1

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 MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

DE 102008058393 A1 20100527; EP 2361150 A1 20110831; WO 2010057660 A1 20100527

DOCDB simple family (application)

DE 102008058393 A 20081121; EP 09760491 A 20091120; EP 2009008292 W 20091120