

Title (en)

PROCESS FOR MAKING DIBUTYL ETHERS FROM DRY ETHANOL

Title (de)

VERFAHREN ZUR HERSTELLUNG VON DIBUTYLELHERN AUS TROCKENEM ETHANOL

Title (fr)

PROCÉDÉ DE PRÉPARATION D'ÉLHERS DE DIBUTYLE À PARTIR D'ÉTHANOL DÉSHYDRATÉ

Publication

EP 2089346 A2 20090819 (EN)

Application

EP 07867595 A 20071130

Priority

- US 2007024665 W 20071130
- US 87227606 P 20061201

Abstract (en)

[origin: WO2008069981A2] The present invention relates to a process for making dibutyl ethers using dry ethanol optionally obtained from a fermentation broth. The dibutyl ethers made by this process find use as additives for fuels, including transportation fuels such as gasoline and diesel fuels.

IPC 8 full level

C07C 41/00 (2006.01); **C07C 41/09** (2006.01)

CPC (source: EP)

C07C 29/34 (2013.01); **C07C 41/09** (2013.01)

Citation (search report)

See references of WO 2008069981A2

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 MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2008069981 A2 20080612; WO 2008069981 A3 20081211; BR PI0717684 A2 20131029; CA 2668877 A1 20080612;
CN 101541719 A 20090923; EP 2089346 A2 20090819; JP 2010511618 A 20100415

DOCDB simple family (application)

US 2007024665 W 20071130; BR PI0717684 A 20071130; CA 2668877 A 20071130; CN 200780043835 A 20071130; EP 07867595 A 20071130;
JP 2009539345 A 20071130