

Title (en)
PROCESS FOR PURIFYING ETHANOL

Title (de)
VERFAHREN ZUR REINIGUNG VON ETHANOL

Title (fr)
PROCÉDÉ DE PURIFICATION D'ETHANOL

Publication
EP 2566837 A2 20130313 (EN)

Application
EP 11720937 A 20110506

Priority

- US 201113078754 A 20110401
- US 85226910 A 20100806
- US 33269910 P 20100507
- US 2011035577 W 20110506

Abstract (en)
[origin: WO2011140477A2] Purifying and/or recovery of ethanol from a crude ethanol product obtained from the hydrogenation of acetic acid. Separation and purification processes of crude ethanol mixture are employed to allow recovery of ethanol and remove impurities. In particular, light ends are separated in an acetaldehyde removal column operating at a pressure greater than atmospheric pressure to recover acetaldehyde that may be returned to the reactor and reduce acetaldehyde concentrations in an ethyl acetate stream.

IPC 8 full level
C07C 29/149 (2006.01)

CPC (source: EP)
C07C 29/149 (2013.01); **C07C 29/80** (2013.01)

Citation (search report)
See references of WO 2011140477A2

Designated contracting state (EPC)
AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2011140477 A2 20111110; WO 2011140477 A3 20120301; CN 102918013 A 20130206; CN 102918013 B 20141224; EP 2566837 A2 20130313; TW 201204695 A 20120201

DOCDB simple family (application)
US 2011035577 W 20110506; CN 201180011550 A 20110506; EP 11720937 A 20110506; TW 100115921 A 20110506