

Title (en)

PROCESS FOR MAKING ETHANOL FROM ACETIC ACID USING ACIDIC CATALYSTS

Title (de)

VERFAHREN ZUR HERSTELLUNG VON ETHANOL AUS ESSIGSÄURE UNTER VERWENDUNG SAURER KATALYSATOREN

Title (fr)

PROCÉDÉ DE FABRICATION D'ÉTHANOL À PARTIR D'ACIDE ACÉTIQUE À L'AIDE DE CATALYSEURS ACIDES

Publication

**EP 2493610 A2 20120905 (EN)**

Application

**EP 10773795 A 20101026**

Priority

- US 58872709 A 20091026
- US 69894710 A 20100202
- US 69902410 A 20100202
- US 30081510 P 20100202
- US 33269610 P 20100507
- US 33269910 P 20100507
- US 85222710 A 20100806
- US 85226910 A 20100806
- US 2010054136 W 20101026

Abstract (en)

[origin: WO2011056597A2] A process for selective formation of ethanol from acetic acid by hydrogenating acetic acid in the presence of a catalyst comprises a first metal on an acidic support. The acidic support may comprise an acidic support material or may comprise an support having an acidic support modifier. The catalyst may be used alone to produced ethanol via hydrogenation or in combination with another catalyst. In addition, the crude ethanol product is separated to obtain ethanol.

IPC 8 full level

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CPC (source: EP KR)

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Citation (search report)

See references of WO 2011056597A2

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**WO 2011056597 A2 20110512**; **WO 2011056597 A3 20110714**; AU 2010315554 A1 20120517; BR 112012009824 A2 20161122; CA 2778959 A1 20110512; CN 102307657 A 20120104; CN 102307657 B 20141008; EP 2493610 A2 20120905; JP 2013508424 A 20130307; KR 20120086717 A 20120803; MX 2012004842 A 20120529; NZ 599463 A 20140530; RU 2012121872 A 20131210; ZA 201202850 B 20130626

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