

Title (en)  
CATALYST FOR THE PRODUCTION OF ETHANOL BY HYDROGENATION OF ACETIC ACID COMPRISING PLATINUM -TIN ON SILICEOUS SUPPORT

Title (de)  
KATALYSATOR ZUR HERSTELLUNG VON ETHANOL DURCH HYDRIERUNG VON ESSIGSÄURE MIT PLATIN-ZINN AUF SILICATISCHEM TRÄGER

Title (fr)  
CATALYSEUR, DESTINÉ À LA PRODUCTION DE L'ÉTHANOL PAR HYDROGÉNATION DE L'ACIDE ACÉTIQUE, COMPRENANT DU PLATINE-ÉTAIN SUR SUPPORT À BASE DE SILICE

Publication  
**EP 2493609 A1 20120905 (EN)**

Application  
**EP 10773794 A 20101026**

Priority  
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• US 2010054134 W 20101026

Abstract (en)  
[origin: WO2011056595A1] A process for selective formation of ethanol from acetic acid includes contacting a feed stream containing acetic acid and hydrogen at an elevated temperature with catalyst comprising platinum and tin on a high surface area silica promoted with calcium metasilicate. Selectivities to ethanol of over 85% are achieved at 280C with catalyst life in the hundreds of hours.

IPC 8 full level  
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Citation (search report)  
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