

Title (en)  
METHOD FOR PRODUCING 1,2-ETHYLENE GLYCOL AND 1,2-PROPYLENE GLYCOL BY MEANS OF THE HETEROGENEOUSLY CATALYSED HYDROGENOLYSIS OF A POLYOL

Title (de)  
VERFAHREN ZUR HERSTELLUNG VON 1,2-ETHYLENGLYCOL UND 1,2-PROPYLENGLYCOL DURCH HETEROGEN KATALYSIERTE HYDROGENOLYSE EINES POLYOLS

Title (fr)  
PROCEDE POUR PRODUIRE DU 1,2-ETHYLENEGLYCOL ET DU 1,2-PROPYLENEGLYCOL PAR HYDROGENOLYSE PAR CATALYSE HETEROGENE D'UN POLYOL

Publication  
**EP 2102137 A1 20090923 (DE)**

Application  
**EP 07857305 A 20071210**

Priority  

- EP 2007063569 W 20071210
- EP 06126235 A 20061215
- EP 07857305 A 20071210

Abstract (en)  
[origin: WO2008071642A1] The invention relates to a method for producing 1,2-ethylene glycol and 1,2-propylene glycol by means of the heterogeneously catalysed hydrogenolysis of a polyol, wherein a catalyst containing palladium (Pd) and a carrier material selected from the group containing carbon, zirconium dioxide, titanium dioxide and calcium carbonate is used as the heterogeneous catalyst. The catalyst does not contain any ruthenium (Ru) and the hydrogenolysis is carried out in the presence of water.

IPC 8 full level  
**C07C 29/00** (2006.01); **B01J 27/045** (2006.01); **C07C 31/20** (2006.01)

CPC (source: EP US)  
**C07C 29/00** (2013.01 - EP US); **C07C 29/60** (2013.01 - EP US); **Y02P 20/52** (2015.11 - EP US)

C-Set (source: EP US)  

1. **C07C 29/00 + C07C 31/202**
2. **C07C 29/60 + C07C 31/205**

Citation (search report)  
See references of WO 2008071642A1

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 2008071642 A1 20080619**; BR PI0720288 A2 20140204; CN 101583583 A 20091118; EP 2102137 A1 20090923; US 2010019191 A1 20100128

DOCDB simple family (application)  
**EP 2007063569 W 20071210**; BR PI0720288 A 20071210; CN 200780046221 A 20071210; EP 07857305 A 20071210; US 51892807 A 20071210