

Title (en)

PROCESS FOR PREPARING 1,2-PROPANEDIOL BY HYDROGENOLYSIS OF GLYCEROL

Title (de)

VERFAHREN ZUR HERSTELLUNG VON 1,2-PROPANDIOL DURCH HYDROGENOLYSE VON GLYCERIN

Title (fr)

PROCEDE DE FABRICATION DE 1,2-PROPANEDIOL PAR HYDROGENOLYSE DE GLYCERINE

Publication

EP 2077985 A1 20090715 (DE)

Application

EP 07764691 A 20070616

Priority

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- DE 102006050751 A 20061027

Abstract (en)

[origin: WO2008049470A1] The invention provides a process for preparing 1,2-propanediol, by reacting glycerol which has a purity of at least 95% by weight with hydrogen at a hydrogen pressure of from 20 to 100 bar and a temperature of from 180 to 240 °C in the presence of a catalyst which comprises from 10 to 50% by weight of copper oxide and from 50 to 90% by weight of zinc oxide in an autoclave.

IPC 8 full level

C07C 29/60 (2006.01); **C07C 31/20** (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2008049470A1

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