

Title (en)  
METHOD FOR PRODUCING HYDROXYCARBOXYLIC ACID ESTERS

Title (de)  
VERFAHREN ZUR HERSTELLUNG VON HYDROXYCARBONS UREESTERN

Title (fr)  
PROCEDE POUR PRODUIRE DES ESTERS D'ACIDE HYDROXYCARBOXYLIQUE

Publication  
**EP 1572617 A1 20050914 (DE)**

Application  
**EP 03789193 A 20031210**

Priority  
• DE 10260131 A 20021219  
• EP 0313978 W 20031210

Abstract (en)  
[origin: WO2004056741A1] The invention relates to a method for producing monoalky hydroxycarboxylic acid esters. The inventive method consists in reacting hydroxycarboxylic acids of the salts thereof with a mixture consisting of alcohols of a general formula (I)  $R_{<1>-}OH$  and (II)  $(C_2H_4)_nOH$ , wherein  $R_{<1>-}$  and  $R_{<2>-}$  independently represent an alkyl saturated or non-saturated, branched or non-branched group which comprises from 6 to 22 carbon atoms, and n ranges from 1 to 20 at a temperature ranging from 120 to 180 DEG C, the compounds of the formulas (I) and (II) being used at mass ratios ranging from 10:1 and 1:10.

IPC 1-7  
**C07C 67/08**; **A61K 7/48**; **C07C 69/704**; **C07C 69/675**; **C11D 1/08**

IPC 8 full level  
**A61K 8/02** (2006.01); **A61K 8/37** (2006.01); **A61Q 19/00** (2006.01); **C07C 67/08** (2006.01)

CPC (source: EP US)  
**A61K 8/0208** (2013.01 - EP US); **A61K 8/37** (2013.01 - EP US); **A61Q 19/00** (2013.01 - EP US); **C07C 67/08** (2013.01 - EP US)

Citation (search report)  
See references of WO 2004056741A1

Designated contracting state (EPC)  
DE ES FR GB IT

DOCDB simple family (publication)  
**DE 10260131 A1 20040701**; EP 1572617 A1 20050914; JP 2006512341 A 20060413; US 2006078576 A1 20060413;  
WO 2004056741 A1 20040708

DOCDB simple family (application)  
**DE 10260131 A 20021219**; EP 0313978 W 20031210; EP 03789193 A 20031210; JP 2004561258 A 20031210; US 53973005 A 20050620