

Title (en)

METHOD FOR PRODUCING POLYMERISABLE POLYHYDROXY COMPOUNDS

Title (de)

VERFAHREN ZUR HERSTELLUNG VON POLYMERISIERBAREN POLYHYDROXYVERBINDUNGEN

Title (fr)

PROCEDE POUR PRODUIRE DES COMPOSES POLYHYDROXY POLYMERISABLES

Publication

**EP 1675815 A1 20060705 (DE)**

Application

**EP 04741212 A 20040722**

Priority

- EP 2004008182 W 20040722
- DE 10349972 A 20031024

Abstract (en)

[origin: DE10349972A1] Production of triol mono(meth)acrylate derivatives involves reacting corresponding alkylidene-ether derivatives with water on an acid ion exchange resin with continuous removal of the ketone formed by hydrolysis. A method for the production of compounds of formula (I) involves reacting compounds of formula (II) with small amounts of water (ratio of (II) to water = (1:1)-(1:3)) on a solid bed of acid ion exchange resin with continuous removal of the cleavage product of formula  $R_7 > R_8 > CO$  (III). [Image] [Image]  $R_1 > H$  or methyl;  $m : 0$  or  $1$ ;  $R_2 > R_6 > H$ , OH or aliphatic or aromatic hydrocarbonyl, e.g. methyl, ethyl, propyl, isopropyl etc.;  $n : 0, 1$  or  $2$ ;  $R_7 >$ ,  $R_8 >$  methyl, ethyl or propyl.

IPC 1-7

**C07C 67/29**; **C07C 69/54**

IPC 8 full level

**C07C 67/29** (2006.01)

CPC (source: EP KR US)

**C07C 67/00** (2013.01 - KR); **C07C 67/29** (2013.01 - EP KR US); **C07C 69/54** (2013.01 - KR)

Citation (search report)

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