

Title (en)

METHOD FOR PRODUCING (METH)ACRYLIC ACID ESTERS OF POLYALKOXY GROUP-CONTAINING ALCOHOLS

Title (de)

VERFAHREN ZUR HERSTELLUNG VON (METH)ACRYLSÄUREESTERN VON POLYALKOXYGRUPPEN ENTHALTENDEN ALKOHOLEN

Title (fr)

PROCÉDÉ DE PRÉPARATION D'ESTERS (MÉTH)ACRYLIQUES À PARTIR D'ALCOOLS POLYALCOXYLÉS

Publication

EP 3107951 A1 20161228 (DE)

Application

EP 15701801 A 20150130

Priority

- DE 102014202963 A 20140218
- US 201461940875 P 20140218
- EP 2015051881 W 20150130

Abstract (en)

[origin: US2015232409A1] In a process for preparing (meth)acrylic esters (E) of polyalkoxy-containing alcohols which comprises reacting polyalkoxy-containing alcohols (P) of formula (I) where R1 is hydrogen, a hydroxyl group or a straight-chain or branched, saturated or unsaturated alcohol of 1 to 30 carbon atoms, R2 and R3 are each independently H or methyl, and m and n are each independently an integer between 0 and 100, with the proviso that m and n cannot both be 0, with a (meth)acrylic anhydride (A) in the presence of at least one basic catalyst (K) having a pKB value of not more than 7.0 and of at least one sterically hindered polymerization inhibitor, the reaction mixture is quenched with a C1-C6 alkanol after the reaction has ended.

IPC 8 full level

C08G 65/332 (2006.01); **C07C 67/08** (2006.01)

CPC (source: EP KR US)

C07C 67/08 (2013.01 - KR US); **C08G 63/78** (2013.01 - KR); **C08G 63/83** (2013.01 - KR); **C08G 65/3322** (2013.01 - EP KR US); **C08K 5/13** (2013.01 - KR); **C09D 7/20** (2017.12 - KR)

Citation (search report)

See references of WO 2015124403A1

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BA ME

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US 2015232409 A1 20150820; **US 9353043 B2 20160531**; CN 106029741 A 20161012; DE 102014202963 A1 20150820; EP 3107951 A1 20161228; JP 2017511798 A 20170427; KR 20160124148 A 20161026; TW 201544525 A 20151201; WO 2015124403 A1 20150827

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