

Title (en)

IMPROVED METHOD FOR MAKING MIXED HIGH PURITY (METH)ACRYLIC ANHYDRIDES

Title (de)

VERFAHREN ZUM HERSTELLEN VON (METH)ACRYLSÄUREMISCHANHYDRIDEN HOHER REINHEIT

Title (fr)

PROCEDE PERFECTIONNE DE FABRICATION D'ANHYDRIDES (METH)ACRYLIQUES MIXTES DE HAUTE PURETE

Publication

**EP 1071650 A1 20010131 (FR)**

Application

**EP 99901641 A 19990128**

Priority

- FR 9900164 W 19990128
- FR 9801155 A 19980202

Abstract (en)

[origin: FR2774375A1] The invention concerns a method consisting in making a mixed (meth)acrylic anhydride of formula (I) by reacting an alkaline (meth)acrylate of formula (II) and a chloroformate of formula (III), carrying out said reaction in an aqueous medium and in the absence of amines, the mol ratio chloroformate (III)/alkaline (meth)acrylate (II) being at least equal to 1.15. R<1> represents H or CH<sub>3</sub>; R<2> represents an alkyl, alkenyl, aryl, alkaryl or aralkyl residue; and M is an alkaline metal.

IPC 1-7

**C07C 68/02**; **C07C 69/96**

IPC 8 full level

**C07C 51/56** (2006.01); **C07C 68/02** (2006.01); **C07C 69/54** (2006.01); **C07C 69/653** (2006.01); **C07C 69/96** (2006.01)

CPC (source: EP KR US)

**C07C 68/02** (2013.01 - EP KR US)

C-Set (source: EP US)

**C07C 68/02** + **C07C 69/96**

Citation (search report)

See references of WO 9938837A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)

**FR 2774375 A1 19990806**; **FR 2774375 B1 20000324**; AU 2167799 A 19990816; CA 2319673 A1 19990805; CA 2319673 C 20050322; CN 1135219 C 20040121; CN 1289320 A 20010328; CZ 20002145 A3 20000913; CZ 296363 B6 20060215; EP 1071650 A1 20010131; ID 26417 A 20001221; JP 2002501940 A 20020122; JP 3533178 B2 20040531; KR 100401241 B1 20031017; KR 20010040542 A 20010515; US 6346650 B1 20020212; WO 9938837 A1 19990805

DOCDB simple family (application)

**FR 9801155 A 19980202**; AU 2167799 A 19990128; CA 2319673 A 19990128; CN 99802535 A 19990128; CZ 20002145 A 19990128; EP 99901641 A 19990128; FR 9900164 W 19990128; ID 20001468 A 19990128; JP 2000530076 A 19990128; KR 20007008407 A 20000802; US 60124000 A 20000731