

Title (en)

METHOD FOR CONTINUOUSLY PRODUCING ALKYLAMINO(METH)ACRYLAMIDES

Title (de)

VERFAHREN ZUR KONTINUIERLICHEN HERSTELLUNG VON ALKYLAMINO(METH)ACRYLAMIDEN

Title (fr)

PROCÉDÉ DE PRÉPARATION CONTINUE D'ALKYLAMINO(MÉTH)ACRYLAMIDES

Publication

EP 2417098 A1 20120215 (DE)

Application

EP 10706252 A 20100303

Priority

- EP 2010052689 W 20100303
- DE 102009002239 A 20090407

Abstract (en)

[origin: CA2758115A1] The invention relates to a method for continuously producing alkylamino(meth)acrylamides by reacting alkyl(meth)acrylates with high-boiling amines. A catalyst activation and special regeneration technique allow for product qualities that have not yet been achieved. Furthermore, very high space-time and total yields can be achieved.

IPC 8 full level

C07C 231/02 (2006.01); **C07C 233/38** (2006.01)

CPC (source: EP KR US)

A61K 31/165 (2013.01 - KR); **C07C 231/02** (2013.01 - EP KR US); **C07D 207/26** (2013.01 - KR); **C07D 207/404** (2013.01 - KR); **Y02P 20/582** (2015.11 - EP US); **Y02P 20/584** (2015.11 - EP US)

Citation (search report)

See references of WO 2010115666A1

Citation (examination)

EP 0619295 A1 19941012 - KOHJIN CO [JP]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

DE 102009002239 A1 20101014; AU 2010234280 A1 20111006; AU 2010234280 B2 20140213; BR PI1015290 A2 20160419; CA 2758115 A1 20101014; CA 2758115 C 20170502; CN 102369181 A 20120307; EP 2417098 A1 20120215; JP 2012522817 A 20120927; JP 5599453 B2 20141001; KR 101689905 B1 20161226; KR 20120016049 A 20120222; RU 2546670 C2 20150410; TW 201102364 A 20110116; TW 201600496 A 20160101; TW I519506 B 20160201; US 2011313195 A1 20111222; US 8674133 B2 20140318; WO 2010115666 A1 20101014; ZA 201107331 B 20120725

DOCDB simple family (application)

DE 102009002239 A 20090407; AU 2010234280 A 20100303; BR PI1015290 A 20100303; CA 2758115 A 20100303; CN 201080014310 A 20100303; EP 10706252 A 20100303; EP 2010052689 W 20100303; JP 2012503939 A 20100303; KR 20117023483 A 20100303; RU 2011144622 A 20100303; TW 104131803 A 20100401; TW 99110192 A 20100401; US 201013254280 A 20100303; ZA 201107331 A 20111006