

Title (en)

SYNTHESIS OF ALPHA,BETA-UNSATURATED CARBOXYLIC ACID (METH)ACRYLATES FROM OLEFINS AND CO<sub>2</sub>

Title (de)

SYNTHESE VON ALPHA,BETA-UNGESÄTTIGTEN CARBONSÄUREN (METH)ACRYLATEN AUS OLEFINEN UND CO<sub>2</sub>

Title (fr)

SYNTHÈSE DE (MÉTH)ACRYLATES D'ACIDES CARBOXYLIQUES ALPHA, BÊTA-INSATURÉS À PARTIR D'OLÉFINES ET DE CO<sub>2</sub>

Publication

**EP 3008035 A1 20160420 (DE)**

Application

**EP 14725662 A 20140512**

Priority

- DE 102013210840 A 20130611
- EP 2014059596 W 20140512

Abstract (en)

[origin: CA2913520A1] The invention relates to a method for producing  $\alpha,\beta$ -unsaturated carboxylic acids or salts thereof, comprising a step in which a metallalactone is reacted in a solvent in the presence of a halide; to a composition that comprises  $\alpha,\beta$ -unsaturated carboxylic acids or salts thereof and halide ions; and to the use of said composition for the production of superabsorbent materials or as a monomer composition for producing polymers.

IPC 8 full level

**C07C 51/15** (2006.01)

CPC (source: EP US)

**C07C 51/15** (2013.01 - EP US)

Citation (search report)

See references of WO 2014198469A1

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**DE 102013210840 A1 20141211**; BR 112015031158 A2 20170725; CA 2913520 A1 20141218; CN 105517986 A 20160420; EP 3008035 A1 20160420; JP 2016523855 A 20160812; US 2016130208 A1 20160512; WO 2014198469 A1 20141218

DOCDB simple family (application)

**DE 102013210840 A 20130611**; BR 112015031158 A 20140512; CA 2913520 A 20140512; CN 201480033066 A 20140512; EP 14725662 A 20140512; EP 2014059596 W 20140512; JP 2016518886 A 20140512; US 201414890298 A 20140512