

Title (en)

PROCESS FOR PREPARING AMINO ACIDS OR ESTERS COMPRISING A METATHESIS STEP

Title (de)

VERFAHREN ZUR HERSTELLUNG VON AMINOSÄUREN ODER ESTERN MIT EINEM METATHESESCHRITT

Title (fr)

PROCEDE DE PREPARATION D'AMINO-ACIDES OU ESTERS COMPRENANT UNE ETAPE DE METATHESE

Publication

**EP 2739604 A1 20140611 (FR)**

Application

**EP 12750451 A 20120727**

Priority

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- FR 2012051783 W 20120727

Abstract (en)

[origin: WO2013017786A1] A process for synthesizing a long-chain saturated  $\alpha$ , $\omega$ -amino ester (acid) comprising from 6 to 17 carbon atoms, said process comprising a first step of cross metathesis between a first acrylic compound chosen from acrylonitrile, acrylic acid or an acrylic ester and a second monounsaturated compound comprising at least one nitrile, acid or ester trivalent function, one of these compounds comprising a nitrile function and the other an acid or ester function, in the presence of a ruthenium carbene metathesis catalyst, and a second step of hydrogenation of the monounsaturated nitrile-ester (acid) obtained, characterized in that said monounsaturated compound comprising at least one nitrile, acid or ester trivalent function has previously been subjected to a purification by thermal and/or chemical treatment.

IPC 8 full level

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CPC (source: EP US)

**C07C 227/04** (2013.01 - EP US); **C07C 253/32** (2013.01 - EP US); **C08G 69/08** (2013.01 - US)

Citation (search report)

See references of WO 2013017786A1

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