

Title (en)
SYNTHESIS OF SARCOSINATE SURFACTANTS

Title (de)
HERSTELLUNG VON SARKOSINAT ENTHALTENDE OBERFLÄCHENAKTIVEN MITTELN

Title (fr)
SYNTHESE DE TENSIOACTIFS DE SARCOSINATE

Publication
EP 0719248 A1 19960703 (EN)

Application
EP 94927333 A 19940901

Priority

- US 9409964 W 19940901
- US 12100793 A 19930914
- US 20647594 A 19940304

Abstract (en)
[origin: WO9507881A1] A method for preparing sarcosinate amido acids and salts thereof of formula (IA) wherein R is a C1 or higher hydrocarbyl substituent, and M is a cationic moiety selected from alkali metal salts and hydrogen, comprising the steps of (a) reacting under anhydrous conditions, in the presence of a base catalyst with basicity equal to or greater than alkoxide catalyst, a carboxylic acid ester of formula (II) with a sarcosine amino acid salt of structure (B) wherein R is as described before, R<1> is a C1 or higher hydrocarbyl substituent, and M is an alkali metal salt; and (b) optionally, neutralizing the sarcosinate amido acid salt formed by step (a) to form the sarcosinate amido acid, whereby M is hydrogen in formula (IA).

IPC 1-7
C07C 231/02; **C07C 233/47**

IPC 8 full level
C11D 1/04 (2006.01); **C07C 231/02** (2006.01); **C07C 233/47** (2006.01); **C07C 233/49** (2006.01)

CPC (source: EP)
C07C 231/02 (2013.01)

Citation (search report)
See references of WO 9507881A1

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)
WO 9507881 A1 19950323; CA 2171710 A1 19950323; EP 0719248 A1 19960703; JP H09502716 A 19970318

DOCDB simple family (application)
US 9409964 W 19940901; CA 2171710 A 19940901; EP 94927333 A 19940901; JP 50923095 A 19940901