

Title (en)

Fluid concentrated hydroalcoholic compositions of copra or oil palm alkyl-amidopropylbetains

Title (de)

Flüssige konzentrierte wässrig-alkoholische Zusammensetzungen von hydrierten Copra- oder Ölpalmen-Alkylamidpropylbetainen

Title (fr)

Compositions hydroalcooliques concentrées fluides d'alkylamidopropylbétaines de coprah ou de palmiste hydrogéné

Publication

EP 1008644 A1 20000614 (FR)

Application

EP 99402976 A 19991130

Priority

FR 9815398 A 19981207

Abstract (en)

Novel compositions (A) contain an alkylamidopropyl betaine (I) (based on hydrogenated copra or African palm oil fatty acid), salt, water and ethanol in specific ratios to provide stable, mobile, readily pumped, clear, almost colorless solutions. Novel compositions (A) comprise mobile, readily pumped, clear, almost colorless solutions, which are stable at 5-50 degrees C, have viscosity below 100 mPa.s and contain an alkylamidopropyl betaine of formula (I), salt (S), water (W) and ethanol (E). (A) contains: (i) 52-57% (I), at least 20% (W) and at least 21% (E) (where the (I) content is calculated as dry solids content minus sodium chloride content); (ii) at least 54% (W) based on (W) plus (E) and (iii) less than 6 wt. % (S). R = residue of a hydrogenated copra or African palm oil fatty acid cut residue of iodine index 1 or less. An Independent claim is included for the preparation of (A).

Abstract (fr)

On décrit des solutions hydroalcooliques d'alkylamidopropylbétaines de coprah ou de palmiste hydrogéné à teneur en bétaine supérieure à 50%, fluides, stables et pompables comme occupant une zone bien définie de leur diagramme ternaire bétaine / eau / éthanol. On les prépare par synthèse et quaternisation de l'amidoamine directement dans le milieu solvant où elles sont définies.

IPC 1-7

C11D 1/90; **C11D 3/20**; **A61K 7/50**; **C07C 227/08**

IPC 8 full level

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CPC (source: EP US)

C11D 1/90 (2013.01 - EP US); **C11D 3/201** (2013.01 - EP US); **Y10S 516/90** (2013.01 - EP US)

Citation (search report)

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- [A] EP 0353580 A2 19900207 - GOLDSCHMIDT AG TH [DE]
- [A] GB 2284215 A 19950531 - ALBRIGHT & WILSON [GB]
- [A] WO 9712856 A1 19970410 - HENKEL KGAA [DE], et al
- [PA] FR 2770841 A1 19990514 - CECA SA [FR]

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EP3002275A1; WO2016053212A1; EP1967066A2

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DOCDB simple family (application)

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