

Title (en)

BIODEGRADABLE SURFACTANT AND BLENDS THEREOF AS A RINSE AID

Title (de)

BIOLOGISCH ABBAUBARE TENSIDE UND MISCHUNGEN HIERAUS ALS KLARSPÜLER

Title (fr)

TENSIOACTIFS BIODEGRADABLES ET LEURS MELANGES EN TANT QU'AUXILIAIRES DE RIN AGE

Publication

EP 0785979 A4 19990616 (EN)

Application

EP 95935125 A 19950925

Priority

- US 9512286 W 19950925
- US 32332394 A 19941014

Abstract (en)

[origin: WO9612001A1] A surfactant composition comprising: (a) a carrier selected from the group consisting of water, organic solvents, and combinations thereof, the total amount of said carrier being between about 0.01 % and about 30 % by weight based upon the weight of the composition; and (b) an epoxy-capped poly(oxyalkylated) alcohol represented by the formula: $R_{<3>}O[CH_2CH(CH_3)O]_x(CH_2CHR_{<4>}O)_y[CH_2CH(OH)R_{<5>}]_z$ wherein $R_{<3>}$ is a linear, aliphatic hydrocarbon radical having an average of from about 4 to about 18 carbon atoms including mixtures thereof; $R_{<4>}$ is hydrogen or a lower alkyl having between 1 and 6 carbon atoms; and $R_{<5>}$ is a linear, aliphatic hydrocarbon radical having an average of from about 2 to about 14 carbon atoms including mixtures thereof; x is zero or an integer having a value from 1 to about 5; y is an integer having a value from 1 to about 30, and z is an integer having a value of from 1 to about 3.

IPC 1-7

C11D 1/72; **C11D 3/075**; **C07C 41/01**

IPC 8 full level

C11D 1/72 (2006.01)

CPC (source: EP)

C11D 1/721 (2013.01)

Citation (search report)

- [X] EP 0146854 A2 19850703 - HENKEL KGAA [DE]
- [AD] WO 9422800 A1 19941013 - OLIN CORP [US]
- See references of WO 9612001A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

WO 9612001 A1 19960425; AU 3726295 A 19960506; EP 0785979 A1 19970730; EP 0785979 A4 19990616; TW 387937 B 20000421

DOCDB simple family (application)

US 9512286 W 19950925; AU 3726295 A 19950925; EP 95935125 A 19950925; TW 84108792 A 19950823