

Title (en)

NOVEL SURFACTANTS AND SURFACTANT COMPOSITIONS

Publication

EP 0521980 A4 19930825 (EN)

Application

EP 91906853 A 19910311

Priority

- US 50015190 A 19900327
- US 64552091 A 19910124

Abstract (en)

[origin: WO9114693A1] Disclosed are novel low skin irritation surfactants and surfactant compositions which are high in foaming properties containing, as an active ingredient, a diamine monoalkyl phosphate salt.

IPC 1-7

C07F 9/09; **C11D 1/78**; **C11D 3/30**; **C11D 3/36**

IPC 8 full level

A61K 8/55 (2006.01); **A61K 8/00** (2006.01); **A61K 8/02** (2006.01); **A61K 8/41** (2006.01); **A61K 8/58** (2006.01); **A61K 8/60** (2006.01); **A61Q 5/02** (2006.01); **A61Q 11/00** (2006.01); **A61Q 19/10** (2006.01); **C07F 9/09** (2006.01); **C07F 9/11** (2006.01); **C11D 1/34** (2006.01); **C11D 1/78** (2006.01); **C11D 3/30** (2006.01)

CPC (source: EP)

C07F 9/11 (2013.01); **C11D 1/345** (2013.01); **C11D 3/0094** (2013.01); **C11D 3/30** (2013.01)

Citation (search report)

- [AD] US 4290904 A 19810922 - POPER MAXWELL H, et al
- See references of WO 9114693A1

Cited by

CN102504615A

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

WO 9114693 A1 19911003; AU 7581791 A 19911021; CA 2078442 A1 19910928; CA 2078442 C 19951205; CN 1029912 C 19951004; CN 1055385 A 19911016; EP 0521980 A1 19930113; EP 0521980 A4 19930825; IE 911002 A1 19911009; JP H05506018 A 19930902; NZ 237587 A 19940225; PT 97096 A 19911231; PT 97096 B 19980831

DOCDB simple family (application)

US 9101622 W 19910311; AU 7581791 A 19910311; CA 2078442 A 19910311; CN 91102024 A 19910327; EP 91906853 A 19910311; IE 100291 A 19910326; JP 50720691 A 19910311; NZ 23758791 A 19910326; PT 9709691 A 19910321