

Title (en)

USE OF STABILIZERS AGAINST DECOLORATION IN ALKALINE CLEANING FORMULATIONS CONTAINING NON-IONIC TENSIDES

Publication

EP 0017052 B1 19820526 (DE)

Application

EP 80101343 A 19800314

Priority

DE 2910402 A 19790316

Abstract (en)

[origin: US4271031A] Color-stabilized nonionic surfactants which contain chemically bonded poly(alkylene oxide) groups with terminal hydroxyl groups, wherein the color stabilizer is from 0.1 to 5% by weight, based on surfactant, of one or more compounds of the formula <IMAGE> where X is O, CH₂, C₂H₄ or C₃H₆, Y is O or NH and Z is H, CH₃ or CH₂OH.

IPC 1-7

C11D 3/20; **C11D 3/28**; **C11D 1/66**

IPC 8 full level

C09K 23/42 (2022.01); **C11D 1/66** (2006.01); **C11D 3/20** (2006.01); **C11D 3/28** (2006.01)

CPC (source: EP US)

C11D 1/66 (2013.01 - EP US); **C11D 3/2096** (2013.01 - EP US); **C11D 3/28** (2013.01 - EP US)

Cited by

EP2380958A1

Designated contracting state (EPC)

DE FR GB IT SE

DOCDB simple family (publication)

EP 0017052 A1 19801015; **EP 0017052 B1 19820526**; DE 2910402 A1 19800925; DE 3060462 D1 19820715; US 4271031 A 19810602

DOCDB simple family (application)

EP 80101343 A 19800314; DE 2910402 A 19790316; DE 3060462 T 19800314; US 12746980 A 19800305