

Title (en)

HYDROXYAMINOALKANES AND THEIR OXYALKYLATION PRODUCTS, THEIR PREPARATION AND USE

Publication

EP 0195362 A3 19870325 (DE)

Application

EP 86103338 A 19860312

Priority

DE 3510038 A 19850320

Abstract (en)

[origin: EP0195362A2] Epoxidation of unsaturated alcohols or mixtures of alcohols containing unsaturated alcohols having 8 to 26 carbon atoms gives reaction products, which are subsequently reacted with amines with the formation of hydroxyamines or mixtures containing hydroxyamines. If desired, an ethylene oxide and/or propylene oxide adduct is formed with the hydroxyamines or the mixture containing hydroxyamines. The reaction products are used as cleaning boosters in detergents, dishwashing liquids and cleansers. Detergents containing these reaction products additionally act as laundry softeners.

IPC 1-7

C07C 91/10; **C07C 93/04**; **C07C 89/00**; **C11D 3/30**

IPC 8 full level

A61K 8/72 (2006.01); **C11D 1/42** (2006.01); **C11D 3/30** (2006.01)

CPC (source: EP)

C11D 1/42 (2013.01); **C11D 3/30** (2013.01)

Citation (search report)

- [A] GB 1054418 A
- [A] DE 2424269 A1 19751204 - HENKEL & CIE GMBH
- [A] DD 29053 A1
- [A] US 2784233 A 19570305
- [A] AT 348642 B 19790226 - HENKEL KGAA [DE]

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0195362 A2 19860924; **EP 0195362 A3 19870325**; DE 3510038 A1 19860925; JP S61251610 A 19861108

DOCDB simple family (application)

EP 86103338 A 19860312; DE 3510038 A 19850320; JP 6465786 A 19860320