

Title (en)

DETERGENT COMPOSITION CONTAINING LOW LEVELS OF AMINE OXIDES

Publication

EP 0042188 B2 19900228 (EN)

Application

EP 81200601 A 19810603

Priority

- GB 8019680 A 19800617
- GB 8038306 A 19801128

Abstract (en)

[origin: EP0042188A1] Detergent compositions containing low levels of amine oxides are disclosed. These amine oxides are derived from mono- or polyamines substituted by at least one long chain alkyl or alkenyl group. Preferred polyamine oxides have at least two alkylene oxide radicals attached to different nitrogen atoms. The compositions produce an alkaline laundry liquor pH, preferably in the range from 8.5-11; and frequently contain water-soluble and/or water-insoluble detergent builders. These compositions exhibit a broad range of textile treatment benefits particularly enhanced soil release and cleaning properties.

IPC 1-7

C11D 1/75; C11D 3/12

IPC 8 full level

C11D 1/75 (2006.01)

CPC (source: EP)

C11D 1/75 (2013.01)

Cited by

EP0135217A1; EP0095205A1; US5972875A; EP0735131A3; GB2151252A; WO0171062A1; US11130709B2

Designated contracting state (EPC)

AT BE CH DE FR GB IT NL SE

DOCDB simple family (publication)

EP 0042188 A1 19811223; EP 0042188 B1 19841003; EP 0042188 B2 19900228; DE 3166434 D1 19841108

DOCDB simple family (application)

EP 81200601 A 19810603; DE 3166434 T 19810603