

Title (en)

Use of quaternized protein hydrolysates in washing and cleaning compositions

Title (de)

Verwendung von quaternierten Proteinhydrolysaten in Wasch- und Reinigungsmitteln

Title (fr)

Utilisation d'hydrolysats de protéine quaternisés dans des compositions de lavage et de nettoyage

Publication

**EP 1420063 A1 20040519 (DE)**

Application

**EP 03025612 A 20031106**

Priority

DE 10253217 A 20021115

Abstract (en)

Use is claimed of quaternized protein hydrolysates as inflammation-inhibiting care agents in detergents or cleansing agents, especially in detergents, ironing aids, conditioners or dryer additives. Independent claims are also included for the use of the quaternized protein hydrolysates in the above applications as conditioners which repair and smoothen fibers; cover the fibers and reinforce and protect them; are deposited on the fibers to reduce electrostatic charge; and are deposited on the fibers to reduce dirt redeposition.

Abstract (de)

Die Erfindung befindet sich auf dem Gebiet der Wasch- und Reinigungsmittel und betrifft die Verwendung von quaternierten Proteinhydrolysaten als entzündungshemmende, pflegende Wirkstoffe und als Gewebekonditionierer.

IPC 1-7

**C11D 3/38**; **C11D 3/00**

IPC 8 full level

**C11D 1/62** (2006.01); **C11D 1/64** (2006.01); **C11D 3/38** (2006.01)

CPC (source: EP US)

**C11D 1/62** (2013.01 - EP US); **C11D 1/64** (2013.01 - EP US); **C11D 3/38** (2013.01 - EP US)

Citation (search report)

- [X] WO 0212423 A2 20020214 - HENKEL KGAA [DE], et al
- [X] DE 4127944 A1 19930304 - KREUSSLER CHEM FAB [DE]
- [X] DE 19917745 A1 20000330 - COGNIS DEUTSCHLAND GMBH [DE]
- [X] DE 19505005 C1 19960404 - HENKEL KGAA [DE]
- [A] DE 3308523 A1 19830929 - COLGATE PALMOLIVE CO [US]

Cited by

DE102005042603A1

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

**EP 1420063 A1 20040519**; DE 10253217 A1 20040527; US 2004138089 A1 20040715

DOCDB simple family (application)

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