

Title (en)

USE OF MILK PROTEINS AS TEXTILE AUXILIARIES

Publication

**EP 0110007 B1 19880427 (DE)**

Application

**EP 83106984 A 19830716**

Priority

DE 3228479 A 19820730

Abstract (en)

[origin: US4761161A] The invention relates to a cleaning agent, particularly for textiles which has a content of milk proteins. Milk proteins are suitable for an at least partial substitution of the polyphosphates contained in conventional detergents. However, they are particularly advantageously used in textile dyeing and high pressure cleaning. With particular advantage, they can be added together with a surfactant mixture.

IPC 1-7

**D06P 1/46**

IPC 8 full level

**C11D 3/384** (2006.01); **D06P 1/46** (2006.01); **D06P 5/04** (2006.01)

CPC (source: EP US)

**C11D 3/384** (2013.01 - EP US); **D06P 1/46** (2013.01 - EP US); **D06P 5/04** (2013.01 - EP US)

Citation (examination)

- DE 2748800 A1 19780511 - UNILEVER NV
- EP 0071413 A2 19830209 - UNILEVER PLC [GB], et al
- CH 428660 B

Cited by

EP1083215A1; EP0530418A1; WO0119952A1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

**US 4761161 A 19880802**; AT E33861 T1 19880515; AT E61396 T1 19910315; DE 3228479 A1 19840209; DE 3376435 D1 19880601; DE 3382198 D1 19910411; EP 0110007 A2 19840613; EP 0110007 A3 19841219; EP 0110007 B1 19880427; EP 0244647 A2 19871111; EP 0244647 A3 19880608; EP 0244647 B1 19910306; JP S5943099 A 19840309

DOCDB simple family (application)

**US 89287986 A 19860728**; AT 83106984 T 19830716; AT 87105029 T 19830716; DE 3228479 A 19820730; DE 3376435 T 19830716; DE 3382198 T 19830716; EP 83106984 A 19830716; EP 87105029 A 19830716; JP 13786383 A 19830729