

Title (en)

Storage stabilized detergent with increased bleaching effect

Title (de)

Lagerstabilisiertes Waschmittel mit verstärkter Bleichwirkung

Title (fr)

Composition détergente à stockage stable avec un effet de blanchiment renforcé

Publication

EP 0337219 B1 19990922 (DE)

Application

EP 89105745 A 19890401

Priority

DE 3812555 A 19880415

Abstract (en)

[origin: EP0337219A2] The detergents contain 2 to 20 % by weight of detergents and customary detergent auxiliaries, including fillers, plus, as builder, 10 to 50 % by weight of crystalline sheet silicate and a bleach, where the amount of bleach is such that the detergent contains 0.5 to 4 % by weight of active oxygen (AVOX).

IPC 1-7

C11D 3/39; C11D 3/12

IPC 8 full level

C11D 3/08 (2006.01); **C11D 3/12** (2006.01); **C11D 3/39** (2006.01); **C11D 3/395** (2006.01); **D06L 1/12** (2006.01); **D06L 3/02** (2006.01)

CPC (source: EP KR)

C11D 3/1273 (2013.01 - EP); **C11D 3/3937** (2013.01 - EP); **C11D 3/395** (2013.01 - KR)

Citation (examination)

EP 0028432 A1 19810513 - PROCTER & GAMBLE [US], et al

Cited by

CN1037453C; US5482642A; EP0639639A1; EP0550077A1; US5501814A; US5540855A; GB2294704A; US5393455A; DE4034131C2; AU671294B2; EP0543911A4; TR26080A; WO9311214A1; WO9218594A1; WO9322412A1; EP0543911B2; EP2123743B2

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DOCDB simple family (publication)

EP 0337219 A2 19891018; EP 0337219 A3 19910410; EP 0337219 B1 19990922; CA 1324306 C 19931116; DE 3812555 A1 19891026; DE 58909857 D1 19991028; DK 169725 B1 19950123; DK 181789 A 19891016; DK 181789 D0 19890414; ES 2138953 T3 20000201; FI 891765 A0 19890413; FI 891765 A 19891016; FI 92329 B 19940715; FI 92329 C 19941025; JP H01311197 A 19891215; JP H0633419 B2 19940502; KR 900016446 A 19901113; KR 910006072 B1 19910812; NO 172750 B 19930524; NO 172750 C 19930901; NO 891545 D0 19890414; NO 891545 L 19891016; SG 40030 A1 19970614

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EP 89105745 A 19890401; CA 594859 A 19890328; DE 3812555 A 19880415; DE 58909857 T 19890401; DK 181789 A 19890414; ES 89105745 T 19890401; FI 891765 A 19890413; JP 9199189 A 19890413; KR 890004877 A 19890413; NO 891545 A 19890414; SG 1995001380 A 19890401