

Title (en)
DETERGENT COMPOSITIONS CONTAINING CELLULASE GRANULATES

Publication
EP 0383828 B1 19930120 (EN)

Application
EP 89900022 A 19881118

Priority
GB 8727081 A 19871119

Abstract (en)
[origin: WO8904862A1] Detergent compositions for the cleaning and softening of fabrics are claimed, in which cellulase granulates containing a water-insoluble calcium salt, preferably calcium carbonate, are incorporated. Softness and fabric-appearance benefits are excellent. The cellulase granulates per-se are also claimed.

IPC 1-7
C11D 3/12; C11D 3/386

IPC 8 full level
C11D 3/12 (2006.01); **C11D 3/386** (2006.01)

CPC (source: EP KR)
C11D 3/126 (2013.01 - EP); **C11D 3/386** (2013.01 - KR); **C11D 3/38645** (2013.01 - EP)

Citation (examination)
Chemical Abstracts, volume 105, no. 26, December 1986, (Columbus, Ohio, US), see page 119, abstract 228963p

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CN103816884A; US6794349B2; US6713442B2; US6184019B1; US6723549B2; US7273748B2; US7323326B2

Designated contracting state (EPC)
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WO 8904862 A1 19890601; AT E84818 T1 19930215; AU 2611788 A 19890614; AU 634705 B2 19930304; BR 8807805 A 19901023; CA 1336894 C 19950905; CN 1026124 C 19941005; CN 1036402 A 19891018; CN 1092101 A 19940914; DE 3877768 D1 19930304; DE 3877768 T2 19930527; DK 110890 A 19900504; DK 110890 D0 19900504; DK 164708 B 19920803; DK 164708 C 19921221; EP 0383828 A1 19900829; EP 0383828 B1 19930120; FI 902446 A0 19900517; FI 92496 B 19940815; FI 92496 C 19941125; GB 8727081 D0 19871223; HK 143896 A 19960809; IE 61734 B1 19941130; IE 883465 L 19890519; IN 183413 B 19991225; JP 2735663 B2 19980402; JP H03503775 A 19910822; KR 890701719 A 19891221; KR 950013920 B1 19951118; MX 169695 B 19930719; MY 103481 A 19930630; NZ 227025 A 19920826

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