

Title (en)
DETERGENT COMPOSITIONS CONTAINING CELLULASE

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Application
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Priority
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Abstract (en)
[origin: EP0269169A2] Detergent compositions comprising detergent cellulases are disclosed. The compositions are formulated to provide a near-neutral or mildly-alkaline wash liquor pH. The compositions comprise a clay soil removal polymer and, optionally, a fabric-softening clay.

IPC 1-7
C11D 3/386

IPC 8 full level
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C11D 3/3723 (2013.01 - EP); **C11D 3/38** (2013.01 - KR); **C11D 3/38645** (2013.01 - EP)

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Cited by
US6020302A; US5120463A; US6143713A; EP0893489A1; US6004922A; US5520838A; EP0365103A3; GR890100672A; EP0794245A1; US5747440A; US5929010A; US5443750A; WO9742293A1; US7163985B2; US7442213B2; US6565613B1; US6696402B2; WO9812295A1; WO9812296A1; US6677289B1; US6903059B2; US9540596B2; US9540595B2; WO9213057A1; WO9815608A3; WO0066696A1; WO9742294A1; KR100336148B1; WO9742292A1; WO9700936A1; WO9403577A1; WO9804233A1; WO9742283A1; WO9742284A1

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