

Title (en)  
Softening detergent compositions containing cellulase.

Title (de)  
Cellulase enthaltende, weichmachende Reinigungsmittel.

Title (fr)  
Compositions détergentes adoucissantes contenant de la cellulase.

Publication  
**EP 0269168 B1 19950517 (EN)**

Application  
**EP 87202189 A 19871111**

Priority  
GB 8627914 A 19861121

Abstract (en)  
[origin: EP0269168A2] The compositions disclosed herein clean well and at the same time act as textile softeners. They contain a cellulase enzyme and are formulated at a mild alkaline pH range.

IPC 1-7  
**C11D 3/386**

IPC 8 full level  
**C11D 3/386** (2006.01); **D06M 13/02** (2006.01); **D06M 13/244** (2006.01); **D06M 13/248** (2006.01); **D06M 13/256** (2006.01); **D06M 13/262** (2006.01); **D06M 13/322** (2006.01)

CPC (source: EP KR)  
**C11D 3/38** (2013.01 - KR); **C11D 3/38645** (2013.01 - EP)

Citation (examination)  
205785f, Columbus, Ohio, US;& JP-A-59 221 396 (LION CORP.) 12-12-1984

Cited by  
US5668073A; US5120463A; CN103897840A; US5904736A; US5721205A; EP0495258A1; US5668009A; US5445747A; US5443750A; US5599786A; US5616553A; US5476608A; US6187740B1; WO9902637A1; WO9316158A1; WO9634080A1

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**EP 0269168 A2 19880601**; **EP 0269168 A3 19890531**; **EP 0269168 B1 19950517**; AT E122713 T1 19950615; AU 595401 B2 19900329; AU 8143387 A 19880526; CN 87107306 A 19880601; DE 3751304 D1 19950622; DE 3751304 T2 19951109; DK 611487 A 19880522; DK 611487 D0 19871120; EG 18380 A 19930730; FI 875137 A0 19871120; FI 875137 A 19880522; FI 91276 B 19940228; FI 91276 C 19940610; GB 8627914 D0 19861231; JP S63199297 A 19880817; KR 880006354 A 19880722; PH 25615 A 19910808; TR 24080 A 19910304

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