

Title (en)  
DETERGENT COMPOSITIONS

Publication  
**EP 0137669 B1 19880706 (EN)**

Application  
**EP 84305681 A 19840821**

Priority  
• GB 8323130 A 19830827  
• GB 8329816 A 19831108

Abstract (en)  
[origin: EP0137669A1] Detergent compositions comprising from about 5% to about 60% organic surfactant, from about 7% to about 80% detergency builder essentially free of phosphate and a bleach system. The detergency builder has defined calcium builder capacity and defined magnesium: calcium selectivity and is preferably a mixture of an aluminosilicate and a polycarboxylate. The bleach system comprises peroxy bleaching agent, heavy metal scavenging agent and preferably a bleach activator. The compositions combine excellent bleach stability, fabric damage characteristics and detergency performance.

IPC 1-7  
**C11D 3/00**; **C11D 3/12**; **C11D 3/37**; **C11D 3/39**

IPC 8 full level  
**C11D 3/00** (2006.01); **C11D 3/12** (2006.01); **C11D 3/37** (2006.01); **C11D 3/39** (2006.01); **C11D 3/395** (2006.01)

CPC (source: EP)  
**C11D 3/128** (2013.01); **C11D 3/3761** (2013.01); **C11D 3/394** (2013.01)

Cited by  
EP1529833A1; EP0241962A3; EP0340590A1; US4935159A; US4900468A; EP0349153A3; EP0289767A3; EP0612842A3; EP0209228A1; US5180514A; US5112514A; EP0186990A3; EP0572724A1; EP0313145A3; EP2213717A1; EP0215251A3; US2018094210A1; US10676703B2; US5720896A; EP0289768A3; US5076957A; EP1529834A1; US5269962A; US5002691A; US9742312B2; WO8910953A1; WO9109927A1; WO2010088112A1; WO2011080540A1; EP0299575B1; WO2005047442A1; WO9013622A1

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**EP 0137669 A1 19850417**; **EP 0137669 B1 19880706**; CA 1230797 A 19871229; DE 3472571 D1 19880811; IE 57606 B1 19930127; IE 842178 L 19850227; JP H0635596 B2 19940511; JP S60106895 A 19850612

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**EP 84305681 A 19840821**; CA 461754 A 19840824; DE 3472571 T 19840821; IE 217884 A 19840824; JP 17817784 A 19840827