

Title (en)  
DETERGENT COMPOSITIONS

Publication  
**EP 0150613 B1 19900509 (EN)**

Application  
**EP 84308962 A 19841220**

Priority  
GB 8334017 A 19831221

Abstract (en)  
[origin: EP0150613A2] Detergent compositions which comprise base powder granules containing detergent active materials and amorphous aluminosilicate together with a post-dosed peroxygen bleach compound exhibit improved ion-exchange properties and bleach stability if the level of moisture in the granules lies between given limits which depend on the levels of aluminosilicate, detergent active and alkaline salt if any present in the granules. Exemplified moisture contents lie between 10.7% and 21.0% of the base powder granules.

IPC 1-7  
**C11D 3/12**; **C11D 3/39**; **C11D 11/02**

IPC 8 full level  
**C11D 3/08** (2006.01); **C11D 3/12** (2006.01); **C11D 3/39** (2006.01); **C11D 3/395** (2006.01); **C11D 11/02** (2006.01)

CPC (source: EP)  
**C11D 3/128** (2013.01); **C11D 3/39** (2013.01); **C11D 11/02** (2013.01)

Citation (examination)  
GB 2013707 A 19790815 - UNILEVER LTD

Cited by  
EP0451894A1; EP0461428A3; EP0518576A3; DE4031910A1; EP0572288A1; FR2691715A1; US5700294A; WO9215663A1

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**EP 0150613 A2 19850807**; **EP 0150613 A3 19870805**; **EP 0150613 B1 19900509**; AT E52537 T1 19900515; AU 3688984 A 19850704; AU 560739 B2 19870416; CA 1227100 A 19870922; DE 3482190 D1 19900613; ES 538769 A0 19860601; ES 8608037 A1 19860601; GB 8334017 D0 19840201; JP H0457718 B2 19920914; JP S60155296 A 19850815; NO 163140 B 19900102; NO 163140 C 19900411; NO 845109 L 19850624; ZA 849950 B 19860827

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