

Title (en)  
GRANULAR DETERGENT COMPOSITIONS

Title (de)  
GRANULARE WASCHMITTELZUSAMMENSETZUNGEN

Title (fr)  
COMPOSITIONS DE DETERGENTS GRANULAIRES

Publication  
**EP 0630399 B1 20011114 (EN)**

Application  
**EP 93907159 A 19930305**

Priority  
• GB 9205189 A 19920310  
• US 9301897 W 19930305

Abstract (en)  
[origin: WO9318124A1] Granular detergent compositions of density > 550 g/litre are provided comprising a plurality of particulate components, wherein one or more surfactant-containing particulate components comprise a surfactant system consisting essentially of one or more primary anionic or nonionic surfactants in intimate admixture with a water-soluble C11-C18 alkyl ethoxysulfate salt containing an average of from one to seven ethoxy groups per mole, together with a builder system. The weight ratio of the primary anionic or nonionic surfactants or mixtures thereof to the alkyl ethoxysulfate salt is in the range from 19:1 to 2:1 provided that the level of the alkyl ethoxysulfate salt is from 0.25 % to 10 % by weight of the component. Improved rate of dissolution characteristics are observed for the composition and for the individual particulate components containing said surfactant system.

IPC 1-7  
**C11D 1/37**; **C11D 1/65**; **C11D 17/06**; **C11D 1/29**

IPC 8 full level  
**C11D 1/29** (2006.01); **C11D 1/37** (2006.01); **C11D 1/65** (2006.01); **C11D 1/83** (2006.01); **C11D 17/06** (2006.01); **C11D 1/14** (2006.01); **C11D 1/28** (2006.01); **C11D 1/52** (2006.01)

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**WO 9318124 A1 19930916**; AT E208808 T1 20011115; AU 3786393 A 19931005; AU 670578 B2 19960725; CA 2131171 A1 19930916; CA 2131171 C 19980818; CN 1054396 C 20000712; CN 1077491 A 19931020; DE 69331136 D1 20011220; EG 20451 A 19990429; EP 0630399 A1 19941228; EP 0630399 A4 19960403; EP 0630399 B1 20011114; FI 944163 A0 19940909; FI 944163 A 19940909; GB 9205189 D0 19920422; IN 185983 B 20010526; JP 3561803 B2 20040902; JP H07504696 A 19950525; KR 100253863 B1 20000415; KR 950700397 A 19950116; MA 22820 A1 19931001; MX 9301335 A 19931201; NO 308112 B1 20000724; NO 943315 D0 19940908; NO 943315 L 19941109

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