

Title (en)  
GRANULAR DETERGENT

Title (de)  
GRANULARES WASCHMITTEL

Title (fr)  
DETERGENT GRANULE

Publication  
**EP 0986629 B2 20070516 (DE)**

Application  
**EP 98930735 A 19980527**

Priority  
• DE 19723616 A 19970605  
• EP 9803109 W 19980527

Abstract (en)  
[origin: WO9855574A1] The invention relates to the use of organic acids, especially citric acid, added separately or at a later stage, to help remove bleachable stains on textiles if the detergent used is essentially free of bleaching agents. To this end, granular detergents are used which have an apparent density of between 650 g/l and 1100 g/l, contain anionic and/or nonionic tensides as well as builders, and between 1 and 15 weight percent of an organic acid which is added separately or at later stage, said detergents being essentially free of bleaching agents. The advantages of such detergents are especially evident when said detergents are used for machine washing at temperatures of up to 60 DEG C and in particular at temperatures as low as 30 DEG C to 40 DEG C.

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Opponent :  
• US 4110262 A 19780829 - ARNAU JOSE LUIS, et al  
• EP 0523681 A2 19930120 - BEHRENSDORF JOHANNES [DE]  
• JP S6262899 A 19870319 - KAO CORP  
• WO 9504125 A1 19950209 - HENKEL KGAA [DE]  
• US 5378388 A 19950103 - PANCHERI EUGENE J [US]  
• EP 0990697 A1 20000405 - KAO CORP [JP]

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