

Title (en)  
WAX ENCAPSULATED BLEACH PARTICLES AND METHOD FOR MAKING SAME

Publication  
**EP 0436971 A3 19910731 (EN)**

Application  
**EP 90202882 A 19901031**

Priority  
US 43699689 A 19891115

Abstract (en)  
[origin: EP0436971A2] Bleach particles encapsulated in a single coat of paraffin wax, the wax having melting point of 40 to 50 DEG C and needle penetration value of 10 to 60 mm at 25 DEG C. The coat comprises 35 to 55% by weight of the particle and may be from 100 to 1,000 microns thick. The coat prolongs the time in which chlorine bleach particles encapsulated therewith may remain active in aqueous environments. The encapsulated particle is made by spraying molten wax on to the particles in a fluidized bed. Liquid or powder cleaning compositions, particularly automatic dishwashing liquid detergents, may incorporate 0.1-15% of the single coat wax-encapsulated bleach particles.

IPC 1-7  
**C11D 3/39; C11D 17/00**

IPC 8 full level  
**C11D 3/39** (2006.01); **C11D 3/395** (2006.01); **C11D 7/54** (2006.01); **C11D 11/00** (2006.01); **C11D 17/00** (2006.01); **C11D 17/08** (2006.01)

CPC (source: EP)  
**C11D 3/39** (2013.01); **C11D 3/395** (2013.01); **C11D 17/0039** (2013.01)

Citation (search report)  
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• [A] GB 953655 A 19640325 - PROCTER AND GAMBLE LTD  
• [A] EP 0292314 A2 19881123 - UNILEVER PLC [GB], et al

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