

Title (en)  
DETERGENT POWDERS AND PROCESS FOR PREPARING THEM

Publication  
**EP 0270240 A3 19900103 (EN)**

Application  
**EP 87309570 A 19871029**

Priority  
GB 8626082 A 19861031

Abstract (en)  
[origin: EP0270240A2] A spray-dried zero-phosphate powder suitable as a base for a detergent composition contains anionic surfactant, optional nonionic surfactant, aluminosilicate builder, polymeric polycarboxylate and a low or zero level of electrolyte, preferably sodium carbonate. The powder has a particle porosity of less than 0.40. If desired, sodium sulphate or other solids of small particle size and high bulk density may be postdosed to the spray-dried powder to give detergent compositions of very high bulk density.

IPC 1-7  
**C11D 11/02; C11D 3/12; C11D 3/37**

IPC 8 full level  
**C11D 3/12** (2006.01); **C11D 3/37** (2006.01); **C11D 3/60** (2006.01); **C11D 11/02** (2006.01); **C11D 17/06** (2006.01)

CPC (source: EP KR)  
**C11D 1/02** (2013.01 - KR); **C11D 3/128** (2013.01 - EP); **C11D 3/37** (2013.01 - KR); **C11D 3/3761** (2013.01 - EP); **C11D 11/02** (2013.01 - EP); **C11D 17/065** (2013.01 - EP)

Citation (search report)  
• [X] EP 0193360 A2 19860903 - PROCTER & GAMBLE [US], et al  
• [X] EP 0129276 A2 19841227 - PROCTER & GAMBLE [US]  
• [XP] EP 0200953 A2 19861112 - HENKEL KGAA [DE]  
• [XE] EP 0221777 A2 19870513 - UNILEVER PLC [GB], et al

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CH DE ES FR GB IT LI NL SE

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