

Title (en)  
DETERGENT POWDERS AND PROCESS FOR PREPARING THEM

Publication  
**EP 0270240 B1 19930922 (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 3/12; C11D 3/37; C11D 11/02**

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)

Cited by  
US5501810A; EP0460925A3; EP1529834A1; US5587104A; EP0578871A1; US5024782A; EP0340013A3; EP1529833A1; EP0425277A3; US5962401A; US5490954A; EP0745662A4; EP0653481A1; AU688277B2; DE19500644B4; US6936577B2; WO9321300A1; WO9502036A1; WO9637599A1; WO9522596A1; WO9405767A1; EP0942958B1; EP0460925B1; WO2005047442A1; WO9505445A1; WO9213937A1

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