

Title (en)  
AUTOMATIC DISHWASHER DETERGENT COMPOSITION

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Application  
**EP 85202020 A 19851205**

Priority  
US 68238784 A 19841217

Abstract (en)  
[origin: EP0186234A2] Detergent compositions suitable for use in automatic dishwashing machines are disclosed. The compositions contain detergency builder materials, a chlorine bleach component, a low-foaming nonionic surfactant compatible with the bleach, optionally an alkyl phosphate ester and a source of bromide ions.

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**C11D 1/78** (2013.01); **C11D 3/0026** (2013.01); **C11D 3/046** (2013.01); **C11D 3/3951** (2013.01)

Citation (search report)  
• [E] GB 2163769 A 19860305 - PROCTER & GAMBLE  
• [A] FR 2130382 A1 19721103 - PROCTER & GAMBLE  
• [AD] US 4309299 A 19820105 - RAPISARDA ANTHONY A, et al  
• [A] GB 1189134 A 19700422 - COLGATE PALMOLIVE CO [US]

Cited by  
US5076952A; US5164106A; EP0423014A3; US6299677B1; US5108641A; US5205954A; EP0395186A3; AU630689B2; GR900100318A; US7285522B2; WO9627651A1; WO0034429A1

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