

Title (en)  
THIXOTROPIC AQUEOUS LIQUID AUTOMATIC DISHWASHING DETERGENT COMPOSITION

Publication  
**EP 0315024 A3 19910320 (EN)**

Application  
**EP 88117719 A 19881025**

Priority  
US 11718487 A 19871105

Abstract (en)  
[origin: EP0315024A2] Thixotropic aqueous liquid automatic dishwashing detergent composition with improved anti-filming and anti-spotting properties and method of using the detergent composition. The detergent composition comprises alumina or titanium dioxide anti-filming agent, polyacrylate polymer anti-spotting agent, inorganic builder salts, chlorine bleach, bleach-stable detergent and a thixotropic thickener. The compositions provide reduced filming and spotting on dishware, glassware, china and the like, particularly in hard water, and remain stable against phase separation.

IPC 1-7  
**C11D 17/00**; **C11D 3/12**; **C11D 3/37**

IPC 8 full level  
**C11D 10/02** (2006.01); **C11D 3/12** (2006.01); **C11D 3/37** (2006.01); **C11D 17/00** (2006.01)

CPC (source: EP)  
**C11D 3/1213** (2013.01); **C11D 3/3765** (2013.01); **C11D 17/003** (2013.01)

Citation (search report)  
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• [A] GB 2168717 A 19860625 - COLGATE PALMOLIVE CO  
• [A] EP 0206534 A1 19861230 - CLOROX CO [US]  
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DOCDB simple family (publication)  
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**EP 88117719 A 19881025**; AU 2461888 A 19881102; BR 8805765 A 19881104; CA 582266 A 19881104; DK 618988 A 19881104; FI 885113 A 19881104; IL 8816688 A 19881026; JP 27921788 A 19881104; NO 884944 A 19881104; NZ 22670988 A 19881025; PT 8892988 A 19881103; ZA 888078 A 19881027