

Title (en)

Thixotropic aqueous liquid automatic dishwashing detergent composition.

Title (de)

Thixotropes wässriges Reinigungsmittel für Geschirrspülmaschinen.

Title (fr)

Composition détergente liquide aqueuse thixotropique pour le lavage automatique de la vaisselle.

Publication

**EP 0314061 A2 19890503 (EN)**

Application

**EP 88117747 A 19881025**

Priority

US 11356287 A 19871028

Abstract (en)

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 silica 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 3/12**; **C11D 3/37**; **C11D 17/00**

IPC 8 full level

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CPC (source: EP)

**C11D 3/124** (2013.01); **C11D 3/3765** (2013.01); **C11D 17/003** (2013.01)

Cited by

EP0460810A1; US5094771A; EP0439878A1; US5650017A; EP0574236A3; EP0398021A3; GR900100382A; EP0541202A1; GR1001250B; TR26040A; WO2014107578A1; EP0316152B1

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**EP 88117747 A 19881025**; AU 2438988 A 19881026; BR 8805599 A 19881027; CA 581439 A 19881027; DK 605288 A 19881028; FI 884969 A 19881027; IL 8816788 A 19881026; JP 27284988 A 19881028; NO 884797 A 19881027; NZ 22670888 A 19881025; PT 8887188 A 19881027; ZA 888081 A 19881027