

Title (en)

Aqueous liquid detergent composition, having a polymeric thickener.

Title (de)

Wässriges flüssiges Waschmittel mit polymerem Verdichtungsmittel.

Title (fr)

Composition détergente aqueuse liquide contenant un agent d'épaississement polymère.

Publication

EP 0517310 A1 19921209 (EN)

Application

EP 92201528 A 19920527

Priority

- US 71160391 A 19910607
- US 71160591 A 19910607
- US 71160891 A 19910607
- US 71168891 A 19910607
- US 72506791 A 19910705
- US 72608991 A 19910705
- US 72643891 A 19910705
- US 73850991 A 19910801

Abstract (en)

Automatic dishwasher detergent composition is formulated as a linear viscoelastic, pseudoplastic, gel-like aqueous product of exceptionally good physical stability, low bottle residue, low cup leakage, and improved cleaning performance by the incorporation of a cross-linked high molecular weight polycarboxylate acid type thickener into the composition and employing a potassium to sodium weight ratios of less than 1/1 to minimize the amount of undissolved solid particles, to further contribute to stability and pourability, and to obtain a composition having an opaque appearance.

IPC 1-7

C11D 3/37; C11D 3/395

IPC 8 full level

C11D 1/04 (2006.01); **C11D 3/37** (2006.01); **C11D 3/395** (2006.01); **C11D 17/00** (2006.01)

CPC (source: EP)

C11D 1/04 (2013.01); **C11D 3/3765** (2013.01); **C11D 3/3956** (2013.01); **C11D 17/003** (2013.01)

Citation (search report)

- [A] GB 2163448 A 19860226 - COLGATE PALMOLIVE CO
- [AD] GB 1527706 A 19781011 - CHEMED CORP
- [A] EP 0407187 A2 19910109 - UNILEVER PLC [GB], et al

Cited by

EP0560615A1; WO9321298A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB IT LI LU NL SE

DOCDB simple family (publication)

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