

Title (en)

IMPROVEMENTS IN OR RELATING TO ORGANIC COMPOSITIONS

Title (de)

VERBESSERUNGEN IN ODER MIT BEZUG AUF ORGANISCHE ZUSAMMENSETZUNGEN

Title (fr)

COMPOSITIONS ORGANIQUES AMELIOREES OU AMELIORATIONS RELATIVES A CES COMPOSITIONS

Publication

**EP 0968272 A1 20000105 (EN)**

Application

**EP 98900311 A 19980108**

Priority

- GB 9800046 W 19980108
- GB 9700431 A 19970110
- GB 9703824 A 19970224
- GB 9713880 A 19970702

Abstract (en)

[origin: WO9830672A1] One aspect of the invention relates to a pourable cleaning composition having a bleaching action and suitable for cleaning hard surfaces includes: a) a carbomer; b) a compound selected from alkali metal hydroxides, alkaline earth metal hydroxides, sodium tripolyphosphates, pyrophosphates, bicarbonates, sesquicarbonates and mixtures thereof; c) a first nonionic or zwitterionic surfactant; d) a second anionic surfactant and e) an alkali or alkaline earth metal hypochlorite. A second aspect of the invention relates to an aqueous thickened bleach composition comprising (in parts by weight based on the total weight of the composition): a) 0.5 - 5.0 % of an alkali metal carboxylate; b) 0.5 - 4.0 % of an alkali metal salt, preferably an alkali metal chloride; c) 0.25 - 6.0 % of a water dispersible nonionic amine oxide; d) 0.5 - 8.0 % of a water dispersible anionic surfactant system including one or more sulfate or sulfonate surfactants; e) 0.01 - 10.0 % of a bleach releasing material, such as an alkali metal hypochlorite; f) 0.1 - 10.0 % of a pH adjusting agent for maintaining the alkalinity of the composition; g) 1.0 - 50 % of an abrasive material, preferably a particulate abrasive material; h) optionally, 0.05 - 3.0 % of a detergency builder, and the balance to 100 % being water. The compositions of the invention show good shelf life, exhibit a high level of bleach stability and show good stain and soil removal, particularly from hard surfaces.

IPC 1-7

**C11D 3/395**; **C11D 3/14**; **C11D 3/37**; **C11D 17/00**; **C11D 1/75**

IPC 8 full level

**C11D 1/83** (2006.01); **C11D 1/94** (2006.01); **C11D 3/02** (2006.01); **C11D 3/06** (2006.01); **C11D 3/10** (2006.01); **C11D 3/14** (2006.01); **C11D 3/395** (2006.01); **C11D 17/00** (2006.01); **C11D 1/04** (2006.01); **C11D 1/14** (2006.01); **C11D 1/75** (2006.01)

CPC (source: EP)

**C11D 1/83** (2013.01); **C11D 1/94** (2013.01); **C11D 3/044** (2013.01); **C11D 3/06** (2013.01); **C11D 3/10** (2013.01); **C11D 3/14** (2013.01); **C11D 3/3956** (2013.01); **C11D 17/003** (2013.01); **C11D 1/04** (2013.01); **C11D 1/143** (2013.01); **C11D 1/146** (2013.01); **C11D 1/75** (2013.01)

Citation (search report)

See references of WO 9830672A1

Cited by

EP3040408A1; WO2016118096A1

Designated contracting state (EPC)

BE DE ES FR GB IT NL

DOCDB simple family (publication)

**WO 9830672 A1 19980716**; AU 5491998 A 19980803; EP 0968272 A1 20000105

DOCDB simple family (application)

**GB 9800046 W 19980108**; AU 5491998 A 19980108; EP 98900311 A 19980108