

Title (en)

Acidic liquid cleaning composition.

Title (de)

Saure, flüssige Reinigungsmittelzusammensetzung.

Title (fr)

Composition de nettoyage acide liquide.

Publication

**EP 0255978 A2 19880217 (EN)**

Application

**EP 87201455 A 19870730**

Priority

GB 8619391 A 19860808

Abstract (en)

An acidic, aqueous liquid detergent composition, especially suitable for toilet bowl cleaning, is provided with a colour-change ingredient to enable the user to monitor the concentration of the composition upon dilution with water when using the product. By including a detergent-active compound which exists in cationic form in the acid composition and a dye which undergoes a pH-dependent colour change in the acid pH range, the required colour change indication is obtained.

IPC 1-7

**C11D 1/40**; **C11D 1/62**; **C11D 1/90**; **C11D 1/92**; **C11D 3/40**

IPC 8 full level

**C11D 1/40** (2006.01); **C11D 1/62** (2006.01); **C11D 1/75** (2006.01); **C11D 1/90** (2006.01); **C11D 1/92** (2006.01); **C11D 3/40** (2006.01); **C11D 17/00** (2006.01)

CPC (source: EP)

**C11D 1/40** (2013.01); **C11D 1/62** (2013.01); **C11D 1/75** (2013.01); **C11D 1/90** (2013.01); **C11D 1/92** (2013.01); **C11D 3/40** (2013.01)

Cited by

US9688946B2; WO2017200496A1; US5965514A; EP0754749A1; US5691291A; FR2717108A1; US5990064A; US2014158166A1; US7550422B2; WO2008117235A1; WO03014282A1; WO2005003276A1; WO2006041739A1; WO2008117233A1; US9926519B2; WO2004078896A1; WO2014092865A3

Designated contracting state (EPC)

CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)

**EP 0255978 A2 19880217**; **EP 0255978 A3 19890308**; AU 607708 B2 19910314; AU 7654987 A 19880211; BR 8703992 A 19880405; CA 1329751 C 19940524; GB 8619391 D0 19860917; JP S6343999 A 19880225; ZA 875848 B 19890426

DOCDB simple family (application)

**EP 87201455 A 19870730**; AU 7654987 A 19870804; BR 8703992 A 19870806; CA 543417 A 19870730; GB 8619391 A 19860808; JP 19514487 A 19870804; ZA 875848 A 19870807