

Title (en)

AUTOMATIC DISHWASHING COMPOSITIONS CONTAINING ALUMINUM SALTS

Title (de)

ALUMINIUMSALZE ENTHALTENDE ZUSAMMENSETZUNGEN FÜR GESCHIRRSPÜLMASCHINEN

Title (fr)

COMPOSITIONS CONTENANT DES SELS D'ALUMINIUM POUR LE LAVAGE AUTOMATIQUE DE LA VAISSELLE

Publication

EP 0826024 A1 19980304 (EN)

Application

EP 96916115 A 19960513

Priority

- EP 9602130 W 19960513
- US 44450295 A 19950519
- US 44450395 A 19950519

Abstract (en)

[origin: WO9636687A1] A composition for inhibiting lead corrosion of fine tableware washed in automatic dishwashers is disclosed. The composition comprises an aluminum salt which dissolves at a rate to deliver less than 0.56 mM aluminum (III) per minute at 42 DEG C to a wash liquor, a bleaching agent, a builder and optionally a surfactant. The composition has a pH of less than about 10 is substantially free of silicates.

IPC 1-7

C11D 3/39; C11D 3/02; C11D 3/395; C11D 3/16

IPC 8 full level

C11D 3/00 (2006.01); **C11D 3/02** (2006.01); **C11D 3/39** (2006.01); **C11D 3/395** (2006.01); **C11D 11/00** (2006.01)

CPC (source: EP)

C11D 3/0073 (2013.01); **C11D 3/046** (2013.01); **C11D 3/2075** (2013.01); **C11D 3/2079** (2013.01); **C11D 3/3942** (2013.01); **C11D 3/3945** (2013.01); **C11D 3/3955** (2013.01); **C11D 11/0082** (2013.01); **C11D 11/0094** (2013.01)

Citation (search report)

See references of WO 9636687A1

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

WO 9636687 A1 19961121; AU 5898796 A 19961129; CA 2221169 A1 19961121; EP 0826024 A1 19980304

DOCDB simple family (application)

EP 9602130 W 19960513; AU 5898796 A 19960513; CA 2221169 A 19960513; EP 96916115 A 19960513