

Title (en)

Improved rinse aid compositions

Title (de)

Verbesserte Klarspülmittelzusammensetzungen

Title (fr)

Compositions de rinçage améliorées

Publication

EP 0851021 A2 19980701 (EN)

Application

EP 97121798 A 19971211

Priority

- US 78197196 A 19961228
- US 78196796 A 19961228
- US 78196996 A 19961228

Abstract (en)

The present invention relates to rinse aid compositions comprising low foaming non-iononic surfactants, polycarboxylate polymers and, if wanted, hydrotropes and certain phosphate esters or certain alkyl iminodialkanoates.

IPC 1-7

C11D 1/66; C11D 3/37; C11D 3/36

IPC 8 full level

C11D 3/33 (2006.01); **C11D 3/36** (2006.01); **C11D 3/37** (2006.01)

CPC (source: EP)

C11D 1/345 (2013.01); **C11D 3/33** (2013.01); **C11D 3/36** (2013.01); **C11D 3/3757** (2013.01)

Cited by

US6630440B1; CN106604982A; WO2006029794A1; WO2007025944A1; US8193139B2; US8440601B2; US9809786B2; US10208272B2; US10865367B2; US11685882B2; WO0008126A1; WO0008125A1; US11118140B2; US11624043B2

Designated contracting state (EPC)

AT DE FR GB IT

DOCDB simple family (publication)

EP 0851021 A2 19980701; EP 0851021 A3 19991222

DOCDB simple family (application)

EP 97121798 A 19971211