

Title (en)
WEAKLY ALKALINE WASHING-UP AGENT.

Title (de)
SCHWACHALKALISCHE GESCHIRREINIGUNGSMITTEL.

Title (fr)
DETERGENT FAIBLEMENT ALCALIN POUR LAVE-VAISSELLE.

Publication
EP 0662117 A1 19950712 (DE)

Application
EP 93920745 A 19930916

Priority
• DE 4232170 A 19920925
• EP 9302510 W 19930916

Abstract (en)
[origin: WO9407981A1] Disclosed is a weakly alkaline washing-up agent for use in dishwashers, the agent containing essentially sodium citrate, alkalihydrocarbonate, a bleaching agent, a bleach activator and enzymes and has a pH of about 8 to < 10, preferably about 9 to 9.5, when in 1 % by wt. aqueous solution. It may also contain corrosion inhibitors.

IPC 1-7
C11D 3/10; **C11D 3/37**; **C11D 17/00**

IPC 8 full level
C11D 3/08 (2006.01); **C11D 3/10** (2006.01); **C11D 3/20** (2006.01); **C11D 3/22** (2006.01); **C11D 3/37** (2006.01); **C11D 3/386** (2006.01); **C11D 3/39** (2006.01); **C11D 17/00** (2006.01)

CPC (source: EP)
C11D 3/08 (2013.01); **C11D 3/10** (2013.01); **C11D 3/2086** (2013.01); **C11D 3/38609** (2013.01); **C11D 3/3907** (2013.01)

Cited by
WO2014200656A1; WO2015050723A1; WO2015077126A1; WO2014200657A1; WO2015050724A1; DE102009029636A1; WO2011032870A1; DE102007044417A1; DE102007006627A1; DE102007044418A1; WO2009037013A2; DE102009029635A1; WO2011032869A1; US8551930B2; DE102008060470A1; DE102008063801A1; US8242068B2; US8268768B2; DE102009029637A1; WO2011032868A1; WO2011051419A1; DE102009046216A1; WO2017173324A2; WO2017173190A2; DE102007006629A1; DE102011007695A1; WO2012143315A1; US8303721B2; DE102007059677A1; DE102007006630A1; US7879154B2; WO2014200658A1; DE202007019720U1; EP3567094A1; DE102007006628A1; US9752100B2; WO2014204596A1; DE102016212248A1; WO2018007298A1; EP3431575A1; DE102017212561A1

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IT LI NL PT SE

DOCDB simple family (publication)
WO 9407981 A1 19940414; AT E194012 T1 20000715; CA 2145663 A1 19940414; DE 4232170 A1 19940331; DE 4232170 C2 19990916; DE 59310064 D1 20000727; DK 0662117 T3 20001023; EP 0662117 A1 19950712; EP 0662117 B1 20000621; ES 2148239 T3 20001016; GR 3033851 T3 20001031; JP H08501598 A 19960220; PT 662117 E 20001229

DOCDB simple family (application)
EP 9302510 W 19930916; AT 93920745 T 19930916; CA 2145663 A 19930916; DE 4232170 A 19920925; DE 59310064 T 19930916; DK 93920745 T 19930916; EP 93920745 A 19930916; ES 93920745 T 19930916; GR 20000401553 T 20000630; JP 50863594 A 19930916; PT 93920745 T 19930916