

Title (en)  
CLEAR RINSING AGENT CONTAINING HYDROPHOBICALLY MODIFIED POLYCARBOXYLATES

Title (de)  
KLARSPÜLMITTEL ENTHALTEND HYDROPHOB MODIFIZIERTE POLYCARBOXYLATE

Title (fr)  
AGENTS DE RINÇAGE CONTENANT DES POLYCARBOXYLATES MODIFIES HYDROPHOBES

Publication  
**EP 1791938 B1 20110112 (DE)**

Application  
**EP 05784277 A 20050912**

Priority  
• EP 2005009789 W 20050912  
• DE 102004044402 A 20040914

Abstract (en)  
[origin: WO2006029794A1] The invention relates to clear rinsing agent formulations for dishwashers containing, as components: a) 1 - 20 wt.-% of hydrophobically modified polycarboxylates, b) 1 - 30 wt.-% of weak foaming non-ionic surfactants, c) 0 - 50 wt.-% of a non-aqueous solution, d) 0 - 15 wt.-% of solubilizers, e) 0 - 15 wt.-% of acidifying agents, f) 0 - 10 wt.-% of one or several additional additives such as anionic, cationic, zwitterionic and amphoteric surfactants, dyes, fragrances and corrosion inhibitors, g) water to make up to 100 wt.-%.

IPC 8 full level  
**C11D 3/37** (2006.01); **C11D 1/72** (2006.01)

CPC (source: EP US)  
**C11D 1/72** (2013.01 - EP US); **C11D 3/3765** (2013.01 - EP US)

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2006029794 A1 20060323**; AT E495236 T1 20110115; CA 2578291 A1 20060323; CN 101018850 A 20070815; DE 102004044402 A1 20060330; DE 502005010849 D1 20110224; EP 1791938 A1 20070606; EP 1791938 B1 20110112; ES 2358121 T3 20110505; JP 2008512532 A 20080424; PL 1791938 T3 20110630; US 2008242577 A1 20081002

DOCDB simple family (application)  
**EP 2005009789 W 20050912**; AT 05784277 T 20050912; CA 2578291 A 20050912; CN 200580030887 A 20050912; DE 102004044402 A 20040914; DE 502005010849 T 20050912; EP 05784277 A 20050912; ES 05784277 T 20050912; JP 2007530668 A 20050912; PL 05784277 T 20050912; US 57345005 A 20050912