

Title (en)  
DISHWASHER RINSE AID

Title (de)  
MASCHINELLES GESCHIRRSPÜLMITTEL

Title (fr)  
PRODUITS DE LAVAGE POUR LAVE-VAISSELLE

Publication  
**EP 1735419 B1 20180919 (DE)**

Application  
**EP 05700895 A 20050112**

Priority  
• EP 2005000287 W 20050112  
• DE 102004015401 A 20040326

Abstract (en)  
[origin: WO2005097963A1] The invention relates to dishwasher rinse aid comprising a) between 0.01 and 10 wt. % of at least one polymer having a molar mass of at least 2000 g/mol and a positive charge; b) between 1.2 and 10 wt. % of at least one phosphorus-containing complexing agent from the group i) of phosphonates and/or ii) condensed phosphates of general formula (MPO<sub>3</sub>)<sub>x</sub>, MX+2PXO<sub>3x+1</sub> and/or MXH<sub>2</sub>PXO<sub>3x+1</sub>, wherein M represents a cation and x represents a number that is larger than, or equal to, 5. Said rinse aid is characterised by an improved rinsing performance compared to conventional dishwasher rinse aid.

IPC 8 full level  
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Citation (opposition)  
Opponent : Clariant Produkte (Deutschland) GmbH  
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• NALCO, MERQUAT POLYQUATERNIUM 39 SERIES, 2003  
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