

Title (en)
DETERGENTS

Title (de)
REINIGUNGSMITTEL

Title (fr)
DÉTERGENTS

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Application
EP 08803450 A 20080901

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Abstract (en)
[origin: WO2009033972A1] The invention relates to dishwasher detergents containing: a) 10 to 60 percent by weight of a builder; b) non-ionic surfactant of the general formula $R1O[CH_2CH(CH_3)O]_x[CH_2CH_2O]_y[CH_2CH(CH_3)O]_zCH_2CH(OH)R2$, in which R1 represents a linear or branched aliphatic hydrocarbon radical having 4 to 22 carbon atoms or mixtures thereof, R2 represents a linear or branched hydrocarbon radical having 2 to 26 carbon atoms or mixtures thereof, x and z represent values between 0 and 40, and y represents a value of at least 15; c) anionic copolymer comprising: i) unsaturated carboxylic acids, ii) sulfonic acid group-containing monomers, characterized in that the weight ratio of the components c) to b) is less than 3:1. In addition to exhibiting a good cleaning and rinsing efficiency, the dishwasher detergents, according to the invention, enhance the drying process of the cleaned crockery.

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Citation (opposition)
Opponent :
• US 2004167048 A1 20040826 - SUNDER MATTHIAS [FR], et al
• US 2007082836 A1 20070412 - BOTH SABINE [DE], et al
• US 6921744 B2 20050726 - SCHMID KARL HEINZ [DE], et al
• DE 10116020 A1 20021002 - COGNIS DEUTSCHLAND GMBH [DE]
• Research Disclosure 480045, April 2004
• Acusol 587, Mai 2004

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