

Title (en)  
CLEANING CARE PRODUCT WITH IMPROVED EMULSIFICATION PROPERTIES

Title (de)  
REINIGUNGS- UND PFLEGEMITTEL MIT VERBESSERTER EMULGIERFÄHIGKEIT

Title (fr)  
PRODUITS DE NETTOYAGE ET D'ENTRETIEN PRESENTANT UNE EMULSIBILITE AMELIOREE

Publication  
**EP 1904613 B1 20091223 (DE)**

Application  
**EP 06754551 A 20060624**

Priority  
• EP 2006006111 W 20060624  
• DE 102005034752 A 20050721

Abstract (en)  
[origin: WO2007009555A1] The invention relates to a cleaning care product containing a surfactant system with at least two non-ionic surfactants A and B, having different chemical structures from each other, both of which however can be represented by the following structure  $R^{1}O[CH_2CH(R^{2})O]_X-R^{3}$ , where  $R^{1}$  and  $R^{3}$  independently = H or a linear or branched, saturated or unsaturated, aliphatic or aromatic 1-30C hydrocarbon which can contain up to 6 hydroxy and/or 3 ether functions, with the proviso that at least one of  $R^{1}$  and  $R^{3}$  is not H,  $R^{2}$  = H or methyl-, ethyl-, n-propyl-, iso-propyl-, n-butyl-, 2-butyl- or 2-methyl-butyl group, each  $R^{2}$  with x = 2 can be different and x is greater than 1 and a thickening agent and has a pH of less than 6 as a 1 wt. % aqueous solution (20°C) which has an improved emulsifying capacity for fats and oils.

IPC 8 full level  
**C11D 1/825** (2006.01); **C11D 3/20** (2006.01)

CPC (source: EP)  
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Cited by  
EP2333042A1; US8681334B2; US8431518B2; WO2011071997A1

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