

Title (en)

COMBINATIONS OF RHAMNOLIPIDS AND ENZYMES FOR IMPROVED CLEANING

Title (de)

KOMBINATIONEN AUS RHAMNOLIPIDEN UND ENZYMEN FÜR VERBESSERTE REINIGUNG

Title (fr)

COMBINAISONS DE RHAMNOLIPIDES ET D'ENZYMES POUR NETTOYAGE AMÉLIORÉ

Publication

EP 2596087 B1 20151216 (EN)

Application

EP 11728878 A 20110704

Priority

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Abstract (en)

[origin: WO2012010406A1] A detergent composition comprising rhamnolipids and lipase, wherein the weight percent of the rhamnolipid made up by mono-rhamnolipids is more than 50, preferably more than 80, more preferably more than 90 wt%.

IPC 8 full level

C11D 1/06 (2006.01); **C11D 1/37** (2006.01); **C11D 3/00** (2006.01); **C11D 3/386** (2006.01)

CPC (source: CN EP)

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Citation (opposition)

Opponent : Henkel AG & Co. KGaA

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- DE 19648439 A1 19980528 - HENKEL KGAA [DE]
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- HELVACI ET AL.: "effect of electrolytes on the surface behaviour of rhamnolipids R1 an R2", COLLOIDS AND SURFACES B: BIOINTERFACES, vol. 35, 2004, pages 225 - 233, XP055306931
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