

Title (en)  
Liquid detergent with protease and lipase

Title (de)  
Flüssiges Waschmittel mit Protease und Lipase

Title (fr)  
Détergent liquide avec protéase et lipase

Publication  
**EP 2607469 A1 20130626 (EN)**

Application  
**EP 11194459 A 20111220**

Priority  
EP 11194459 A 20111220

Abstract (en)  
An aqueous concentrated isotropic liquid detergent comprising 15 to 60 wt% of a surfactant system comprising at least one anionic surfactant, at least one nonionic surfactant and at least one surfactant from the group comprising carbobetaine and amine oxide, wherein the anionic surfactant comprises a minimum of 5 wt%, based on the total composition, linear alkyl benzene sulphonate (LAS), the composition further comprising, EPEI and at least two enzymes; which enzymes comprise a cleaning effective amount of at least one protease and a cleaning effective amount of at least one lipase, characterised in that the in-bottle pH of the composition is buffered to 6.0 to less than 7, preferably 6.3 to 6.7.

IPC 8 full level  
**C11D 17/00** (2006.01); **C11D 1/94** (2006.01); **C11D 3/37** (2006.01); **C11D 3/386** (2006.01); **C11D 11/00** (2006.01)

CPC (source: EP)  
**C11D 1/94** (2013.01); **C11D 3/3723** (2013.01); **C11D 3/38618** (2013.01); **C11D 3/38627** (2013.01); **C11D 1/22** (2013.01); **C11D 2111/12** (2024.01)

Citation (applicant)  
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Designated contracting state (EPC)  
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Designated extension state (EPC)  
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