

Title (en)  
LIQUID DETERGENT AND CLEANER CONTAINING COMBINATIONS OF ENZYMES

Title (de)  
ENZYMKOMBINATIONSHALTIGE FLÜSSIGE WASCH- UND REINIGUNGSMITTEL

Title (fr)  
DETERGENT ET NETTOYANT LIQUIDE CONTENANT DES COMBINAISONS D'ENZYMES

Publication  
**EP 0729502 B1 19990728 (DE)**

Application  
**EP 95900124 A 19941109**

Priority

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- EP 9403691 W 19941109

Abstract (en)  
[origin: WO9514074A1] Disclosed is a liquid detergent and cleaner containing surfactant, protease, amylase, cellulase and builder as well as a nonionic surfactant component that consists of at least 50 wt.%, especially at least 80 wt.%, glycoside of the formula  $R<1>-O(G)_n$ , where  $R<1>$  is an alkyl or alkenyl group with 8 to 22 C atoms, G is a glucose unit and n is a number from 1 to 10. The detergent and cleaner has excellent enzyme stability and improved detergent characteristics.

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**C11D 3/386**; **C11D 1/66**; **C11D 1/83**; **C11D 1/825**

IPC 8 full level  
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