

Title (en)  
SYNERGISTICALLY STABILIZED LIQUID ENZYMATIC COMPOSITIONS

Title (de)  
SYNERGISTISCH STABILISIERTE FLUESSIGE ENZYMATISCHE ZUSAMMENSETZUNGEN

Title (fr)  
COMPOSITIONS ENZYMATIQUES LIQUIDES STABILISEES DE MANIERE SYNERGIQUE

Publication  
**EP 0702712 B1 19981223 (EN)**

Application  
**EP 94919433 A 19940606**

Priority  
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Abstract (en)  
[origin: WO9429424A1] A stabilizing formulation capable of enhancing the storage and shelf-life of liquid enzymatic compositions as well as acting as a dispersant aid for industrial process waters. Such stabilizing formulation contains at least one polymer selected from a poly(cellulosic)ether, an acrylic polymer, and a polyamide, a C2-C6 polyhydric alcohol and water. The polymer and mixture are present in an amount effective to stabilize, preferably in a combined amount effective to synergistically stabilize, one or more enzymes contained in a liquid enzymatic composition. A stabilized liquid enzymatic composition which contains one or more components of the stabilizing formulation and an enzyme. Methods for using the stabilizing formulation and preparing stabilized liquid enzymatic compositions are also described.

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IPC 8 full level  
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Cited by  
US8940512B2; US7888104B2; US7569226B2; US8476050B2; US8753858B2; EP1748074A2; EP1762622A2; EP2290085A2; EP3323887A2

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**WO 9429424 A1 19941222**; AT E174956 T1 19990115; AU 7058694 A 19950103; BR 9407029 A 19960319; CA 2164615 A1 19941222; CN 1128543 A 19960807; CZ 323095 A3 19960515; DE 69415524 D1 19990204; DE 69415524 T2 19990520; DK 0702712 T3 19990823; EP 0702712 A1 19960327; EP 0702712 B1 19981223; ES 2126764 T3 19990401; FI 955851 A0 19951205; FI 955851 A 19951205; JP H08510786 A 19961112; NO 954957 D0 19951206; NO 954957 L 19951207; NZ 267909 A 19960925; SG 104908 A1 20040730; SK 153695 A3 19960403; ZA 943640 B 19950126

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