

Title (en)

Enzymatic detergent composition.

Title (de)

Enzyme enthaltendes Reinigungsmittel.

Title (fr)

Composition détergente à base d'enzymes.

Publication

EP 0271153 A2 19880615 (EN)

Application

EP 87202385 A 19871202

Priority

GB 8629535 A 19861210

Abstract (en)

The invention relates to a detergent composition on the basis of nonionic detergents, which includes a mixture of certain lipolytic enzymes and proteases. In this composition, the lipases remain unaffected by the proteases.

IPC 1-7

C11D 3/386

IPC 8 full level

C11D 3/386 (2006.01)

CPC (source: EP)

C11D 3/38627 (2013.01)

Cited by

DE19954181A1; US4933287A; US5772786A; US4950417A; US5733763A; CN110804506A; US5658871A; EP0368589A3; EP0407225A1; US5100796A; WO9009440A1; WO9100910A1; WO9407985A1; WO8904361A1; WO9407984A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0271153 A2 19880615; EP 0271153 A3 19880810; EP 0271153 B1 19900314; AU 605806 B2 19910124; AU 8222687 A 19880616; BR 8706682 A 19880719; CA 1288368 C 19910903; DE 3761910 D1 19900419; ES 2014465 B3 19900716; GB 8629535 D0 19870121; JP H0696717 B2 19941130; JP S63161084 A 19880704; ZA 879296 B 19890830

DOCDB simple family (application)

EP 87202385 A 19871202; AU 8222687 A 19871208; BR 8706682 A 19871209; CA 553755 A 19871208; DE 3761910 T 19871202; ES 87202385 T 19871202; GB 8629535 A 19861210; JP 31179287 A 19871209; ZA 879296 A 19871210