

Title (en)

STRUCTURED LIQUID DETERGENT COMPOSITIONS CONTAINING SUBTILISIN MUTANTS

Publication

**EP 0471410 A3 19920701 (EN)**

Application

**EP 91202036 A 19910807**

Priority

US 56758990 A 19900815

Abstract (en)

[origin: EP0471410A2] The subject invention relates to mutant subtilisin proteases having substitution in at least 1 amino acid residue and to their use in structured detergent compositions in view of the enhanced stability they provide. In one embodiment of the invention, the enhanced enzyme stability in structured liquids comprising a decoupling polymer is shown and in a second embodiment, the enhanced stability of the mutant enzyme in a structured liquid comprising perborate is shown. None of these effects would have been predicted in advance. <IMAGE>

IPC 1-7

**C11D 17/00**; **C11D 3/386**; **C11D 3/37**; **C11D 3/39**

IPC 8 full level

**C11D 3/37** (2006.01); **C11D 3/386** (2006.01); **C11D 17/00** (2006.01)

CPC (source: EP)

**C11D 3/3765** (2013.01); **C11D 3/38663** (2013.01); **C11D 17/0026** (2013.01)

Citation (search report)

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