

Title (en)
SEQUENTIAL ENZYME DELIVERY SYSTEM

Title (de)
SEQUENTIELLES ENZYMBGABESYSTEM

Title (fr)
SYSTÈME SÉQUENTIEL DE DISTRIBUTION D'ENZYMES

Publication
EP 2173845 B1 20120711 (EN)

Application
EP 08774456 A 20080627

Priority
• EP 2008058294 W 20080627
• EP 07113806 A 20070803
• EP 08774456 A 20080627

Abstract (en)
[origin: WO2009019075A1] A process for fabric washing in which fabric is treated sequentially with at least two different enzymes, the process comprising the steps: 1. treatment with one or more proteases, followed by 2. treatment with one or more of a second enzyme characterised in that the or each second enzyme (s) of the second step is/are of a different enzyme family to the protease (s) in the first step.

IPC 8 full level
C11D 3/386 (2006.01); **D06F 39/02** (2006.01)

CPC (source: CN EP US)
C11D 3/386 (2013.01 - CN EP US); **C11D 3/38627** (2013.01 - CN); **D06F 39/02** (2013.01 - CN); **C11D 2111/12** (2024.01 - CN EP US)

Cited by
CN105073971A

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2009019075 A1 20090212; BR PI0814331 A2 20161004; CN 101772568 A 20100707; CN 105887421 A 20160824;
CN 105887421 B 20190409; EP 2173845 A1 20100414; EP 2173845 B1 20120711; ES 2391357 T3 20121123; US 2010206013 A1 20100819;
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EP 2008058294 W 20080627; BR PI0814331 A 20080627; CN 200880101706 A 20080627; CN 201610102346 A 20080627;
EP 08774456 A 20080627; ES 08774456 T 20080627; US 67067108 A 20080627; ZA 201000215 A 20100112