

Title (en)
DETERGENT COMPOSITION

Title (de)
WASCHMITTELZUSAMMENSETZUNG

Title (fr)
COMPOSITION DETERGENTE

Publication
EP 1019478 B2 20100526 (EN)

Application
EP 97930425 A 19970624

Priority
• EP 9703371 W 19970624
• GB 9613758 A 19960701

Abstract (en)
[origin: WO9800500A1] A composition comprising a peptide or protein Deposition Aid having a high affinity for fibres or a surface and attached/adsorbed to the peptide or protein deposition aid a benefit agent. The composition effectively deposits the Benefit Agent onto fabric during the wash cycle.

IPC 8 full level
C11D 3/386 (2006.01); **C11D 3/37** (2006.01); **C11D 3/38** (2006.01); **D06M 15/15** (2006.01); **D06M 16/00** (2006.01)

CPC (source: EP)
C11D 3/3719 (2013.01); **C11D 3/386** (2013.01); **D06M 15/15** (2013.01); **D06M 16/00** (2013.01); **D06M 16/003** (2013.01)

Citation (opposition)
Opponent :
• WO 9321331 A2 19931028 - UNIV BRITISH COLUMBIA [CA]
• WO 9424158 A1 19941027 - UNIV CALIFORNIA [US], et al
• WO 9613524 A1 19960509 - YEDA RES & DEV [IL], et al
• WO 9000609 A1 19900125 - UNIV BRITISH COLUMBIA [CA], et al
• WO 9117244 A1 19911114 - NOVO NORDISK AS [DK]
• WO 9410191 A1 19940511 - NOVO NORDISK AS [DK], et al
• WO 9629397 A1 19960926 - NOVO NORDISK AS [DK], et al
• WO 9110732 A1 19910725 - NOVO NORDISK AS [DK]
• WO 9407998 A1 19940414 - NOVO NORDISK AS [DK], et al
• WO 9531556 A1 19951123 - UNILEVER NV [NL], et al

Cited by
AU2018455779B2; US2020208081A1; US11008533B2; EP2832442A1; WO2015016367A1; EP2620211A2; WO2013111912A1; EP2832440A1; WO2015016368A1; EP2832441A1; WO2015016369A1

Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
WO 9800500 A1 19980108; AR 007691 A1 19991110; AU 3438197 A 19980121; BR 9710021 A 19990810; DE 69734073 D1 20050929; DE 69734073 T2 20060608; DE 69734073 T3 20100902; EP 1019478 A1 20000719; EP 1019478 B1 20050824; EP 1019478 B2 20100526; ES 2245795 T3 20060116; ES 2245795 T5 20101020; GB 9613758 D0 19960904; IN 189556 B 20030329; ZA 975816 B 19981230

DOCDB simple family (application)
EP 9703371 W 19970624; AR P970102926 A 19970701; AU 3438197 A 19970624; BR 9710021 A 19970624; DE 69734073 T 19970624; EP 97930425 A 19970624; ES 97930425 T 19970624; GB 9613758 A 19960701; IN 379BO1997 A 19970628; ZA 975816 A 19970630