

Title (en)

WATER-SOLUBLE UNIT DOSE ARTICLE COMPRISING A SOLID LAUNDRY DETERGENT COMPOSITION

Title (de)

WASSERLÖSLICHER EINMALDOSIERARTIKEL MIT EINEM FESTEN WASCHMITTEL

Title (fr)

ARTICLE DE DOSE UNITAIRE SOLUBLE DANS L'EAU COMPRENANT UNE COMPOSITION DÉTERGENTE SOLIDE POUR LINGE

Publication

**EP 3415592 A1 20181219 (EN)**

Application

**EP 17176226 A 20170615**

Priority

EP 17176226 A 20170615

Abstract (en)

Water-soluble unit dose article containing solid laundry detergent composition and water-soluble film and comprising an enzyme, the composition has a pH of 6,5-8,8 in diluted form

IPC 8 full level

**C11D 3/00** (2006.01); **C11D 3/386** (2006.01); **C11D 17/04** (2006.01)

CPC (source: EP)

**C11D 3/0047** (2013.01); **C11D 3/386** (2013.01); **C11D 3/38609** (2013.01); **C11D 17/044** (2013.01); **C11D 17/045** (2013.01)

Citation (applicant)

- US 5352604 A 19941004 - WILSON CHARLES R [US], et al
- WO 9402597 A1 19940203 - NOVO NORDISK AS [DK], et al
- WO 9418314 A1 19940818 - GENENCOR INT [US]
- WO 9623874 A1 19960808 - NOVO NORDISK AS [DK], et al
- WO 9743424 A1 19971120 - GENENCOR INT [US]
- US 5856164 A 19990105 - OUTTRUP HELLE [DK], et al
- WO 9923211 A1 19990514 - NOVO NORDISK AS [DK]
- WO 9623873 A1 19960808 - NOVO NORDISK AS [DK], et al
- WO 2006002643 A2 20060112 - NOVOZYMES AS [DK], et al
- WO 0060060 A2 20001012 - NOVO NORDISK AS [DK]
- WO 2011100410 A2 20110818 - PROCTER & GAMBLE [US], et al
- WO 2013003659 A1 20130103 - PROCTER & GAMBLE [US], et al
- US 6093562 A 20000725 - BISGAARD-FRANTZEN HENRIK [DK], et al
- WO 2009149130 A2 20091210 - DANISCO US INC [US], et al
- WO 2010115021 A2 20101007 - DANISCO US INC [US], et al
- US 7141403 B2 20061128 - OUTTRUP HELLE [DK], et al

Citation (search report)

- [XI] DE 10100338 A1 20020425 - HENKEL KGAA [DE]
- [X] US 2014342964 A1 20141120 - JACKSON MICHELLE [GB], et al
- [XI] US 2003087784 A1 20030508 - SOMERVILLE-ROBERTS NIGEL PATRIC [GB], et al
- [XI] WO 0183667 A1 20011108 - PROCTER & GAMBLE [US], et al
- [XI] DE 102014218952 A1 20160324 - HENKEL AG & CO KGAA [DE]
- [I] US 2011021406 A1 20110127 - LANT NEIL JOSEPH [GB], et al
- [I] US 2016145540 A1 20160526 - BENIE ASTRID [DK], et al

Designated contracting state (EPC)

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