

Title (en)

Aqueous Solutions of water-soluble Polymers as an Adjuvant in Textile Pre-treatment of Cotton and its Blends with Synthetic Fibres

Title (de)

Wässrige Lösungen von wasserlöslichen Polymeren als Hilfsmittel bei Textilenvorbehandlung von Baumwolle und Gemisch mit synthetischen Fasern

Title (fr)

Solutions aqueuses de polymères solubles dans l'eau en tant qu'adjuvant de prétraitement textile de coton et ses mélanges avec des fibres synthétiques

Publication

EP 2933373 A1 20151021 (EN)

Application

EP 14001418 A 20140417

Priority

EP 14001418 A 20140417

Abstract (en)

Disclosed is a process for pre-treating textiles, comprising contacting the textile with at least a PVP polymer and a composition comprising an pectinolytic enzyme and a watersoluble polymer.

IPC 8 full level

D06L 1/00 (2006.01); **D06L 1/12** (2006.01); **D06L 1/14** (2006.01); **D06L 3/00** (2006.01); **D06L 4/00** (2017.01); **D06L 4/40** (2017.01); **D06M 16/00** (2006.01)

CPC (source: EP)

D06L 1/00 (2013.01); **D06L 1/12** (2013.01); **D06L 1/14** (2013.01); **D06L 4/00** (2017.01); **D06L 4/40** (2017.01); **D06M 16/003** (2013.01)

Citation (applicant)

EP 1194631 B1 20091007 - NOVOZYMES NORTH AMERICA INC [US]

Citation (search report)

- [XY] US 6261828 B1 20010717 - LUND HENRIK [DK]
- [X] US 5749923 A 19980512 - OLIP VINZENZ [AT], et al
- [X] US 5711764 A 19980127 - WASINGER ERIC M [US]
- [XY] US 2002115194 A1 20020822 - LANGE NIEL ERIK KREBS [US], et al
- [X] US 5837010 A 19981117 - BAECK ANDRE [BE], et al
- [A] US 3000830 A 19610919 - WILLIE FONG, et al
- [I] DATABASE WPI Week 199720, Derwent World Patents Index; AN 1997-222130, XP002736272

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2933373 A1 20151021; **EP 2933373 B1 20230802**; **EP 2933373 C0 20230802**; EP 3132084 A2 20170222; EP 3132084 B1 20230809; EP 3132084 C0 20230809; ES 2960615 T3 20240305; ES 2962667 T3 20240320; MX 2016013452 A 20170215; WO 2015158437 A2 20151022; WO 2015158437 A3 20160121

DOCDB simple family (application)

EP 14001418 A 20140417; EP 15719963 A 20150417; EP 2015000830 W 20150417; ES 14001418 T 20140417; ES 15719963 T 20150417; MX 2016013452 A 20150417