

Title (en)

METHOD FOR CHLORINE-FREE ANTI-FELTING TREATMENT OF WOOL

Title (de)

VERFAHREN ZUR CHLORFREIEN FILZFREIAUSRÜSTUNG VON WOLLE

Title (fr)

PROCÉDÉ POUR LE TRAITEMENT INFECTURABLE EXEMPT DE CHLORE DE LA LAINE

Publication

EP 3044360 A1 20160720 (DE)

Application

EP 14781042 A 20140911

Priority

- AT 505792013 A 20130912
- AT 2014050201 W 20140911

Abstract (en)

[origin: WO2015035439A1] The method for chlorine-free anti-felting treatment of wool comprises the steps of: (a) applying a solution to the wool, the solution containing oxidizing agents based on peroxymonosulfuric sulphuric acid and a surfactant, (b) allowing the solution to act on the wool so as to complete the oxidation process, (c) washing the reaction products out of the wool, (d) treating the wool with a reducing agent, and (e) rewashing; wherein the steps are carried out continuously.

IPC 8 full level

D06M 10/06 (2006.01); **D01C 3/00** (2006.01); **D06L 3/02** (2006.01); **D06M 11/32** (2006.01); **D06M 11/50** (2006.01)

CPC (source: AT EP KR US)

D01C 3/00 (2013.01 - AT EP US); **D06C 3/00** (2013.01 - KR); **D06M 10/06** (2013.01 - EP KR US); **D06M 11/32** (2013.01 - EP KR US); **D06M 11/50** (2013.01 - AT EP KR US); **D06M 11/55** (2013.01 - US); **D06M 15/643** (2013.01 - US); **D06M 2101/12** (2013.01 - US); **D06M 2200/45** (2013.01 - EP KR US); **D06M 2400/01** (2013.01 - US)

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)

WO 2015035439 A1 20150319; AT 514752 A1 20150315; AU 2014321125 B2 20181122; CN 105612283 A 20160525; CN 105612283 B 20200612; EP 3044360 A1 20160720; EP 3044360 B1 20231101; EP 3044360 C0 20231101; KR 102284722 B1 20210804; KR 20160064125 A 20160607; PL 3044360 T3 20240318; US 10385504 B2 20190820; US 2016222578 A1 20160804

DOCDB simple family (application)

AT 2014050201 W 20140911; AT 505792013 A 20130912; AU 2014321125 A 20140911; CN 201480050515 A 20140911; EP 14781042 A 20140911; KR 20167009028 A 20140911; PL 14781042 T 20140911; US 201415021886 A 20140911