

Title (en)

NOVEL WASHING METHOD WITH ELECTROCHEMICALLY ACTIVATABLE MEDIATOR COMPOUND

Title (de)

NEUARTIGES WASCHVERFAHREN MIT ELEKTROCHEMISCH AKTIVIERBARER MEDIATORVERBINDUNG

Title (fr)

PROCÉDÉ DE LAVAGE D'UN NOUVEAU TYPE UTILISANT UN COMPOSÉ MÉDIATEUR ÉLECTROCHIMIQUEMENT ACTIVABLE

Publication

**EP 3167038 A1 20170517 (DE)**

Application

**EP 15735694 A 20150708**

Priority

- DE 102014213311 A 20140709
- EP 2015065621 W 20150708

Abstract (en)

[origin: WO2016005458A1] The aim of the invention is to improve the cleaning power of washing and cleaning agents, especially with regards to bleachable stains, while avoiding any damage to the textile treated with said washing and cleaning agents. This is achieved by an aqueous washing liquid in a device for cleaning textile substrates, containing a plurality of water in-soluble solid particles and a mediator compound, which can produce an oxidizing bleaching agent, in an electrochemical cell using electric voltage in the washing liquid.

IPC 8 full level

**C11D 3/395** (2006.01); **C11D 7/54** (2006.01)

CPC (source: EP US)

**C11D 3/12** (2013.01 - EP US); **C11D 3/1266** (2013.01 - EP US); **C11D 3/128** (2013.01 - EP US); **C11D 3/14** (2013.01 - US); **C11D 3/28** (2013.01 - EP US); **C11D 3/37** (2013.01 - EP US); **C11D 3/3715** (2013.01 - US); **C11D 3/3719** (2013.01 - US); **C11D 3/3726** (2013.01 - US); **C11D 3/392** (2013.01 - US); **C11D 3/3955** (2013.01 - EP US); **C11D 3/3956** (2013.01 - EP US); **C11D 17/0013** (2013.01 - US); **D06B 3/10** (2013.01 - US); **D06B 5/22** (2013.01 - US); **D06B 5/26** (2013.01 - US); **D06F 35/006** (2013.01 - EP US); **C11D 2111/12** (2024.01 - EP US); **C11D 2111/46** (2024.01 - EP US); **C11D 2111/48** (2024.01 - EP US)

Citation (search report)

See references of WO 2016005458A1

Citation (examination)

- WO 2012035342 A1 20120322 - BURKINSHAW STEPHEN MARTIN [GB], et al
- WO 2011064581 A1 20110603 - XEROS LTD [GB], et al

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 2016005458 A1 20160114**; DE 102014213311 A1 20160114; EP 3167038 A1 20170517; US 2017114305 A1 20170427

DOCDB simple family (application)

**EP 2015065621 W 20150708**; DE 102014213311 A 20140709; EP 15735694 A 20150708; US 201715400804 A 20170106