

Title (en)

A METHOD FOR PRODUCTION AND COATING OF ANTIBACTERIAL COPPER (II) OXIDE (CUO) NANO-TUBE

Title (de)

VERFAHREN ZUR HERSTELLUNG UND BESCHICHTUNG ANTIBAKTERIELLER KUPFER-(II-)OXID-NANORÖHRCHEN

Title (fr)

PROCÉDÉ DE PRODUCTION ET DE REVÊTEMENT ANTIBACTÉRIEN DE NANOTUBES D'OXYDE DE CUIVRE (II) (CUO)

Publication

**EP 2791059 A1 20141022 (EN)**

Application

**EP 13829049 A 20131204**

Priority

- TR 201300477 A 20130114
- TR 2013000358 W 20131204

Abstract (en)

[origin: WO2014109722A1] The present invention relates to production and coating of copper (II) oxide (CuO) nano-tubes which exhibit more antibacterial effect than conventional nano-particles since they have high purity and large surface area, and can be used as coating material in filters provided in device systems such as white goods, air conditioning, water treatment by means of a new method (1).

IPC 8 full level

**C01G 3/02** (2006.01)

CPC (source: EP)

**B82Y 30/00** (2013.01); **C01G 3/02** (2013.01); **C01P 2004/13** (2013.01); **C01P 2004/16** (2013.01)

Citation (search report)

See references of WO 2014109722A1

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 2014109722 A1 20140717**; EP 2791059 A1 20141022

DOCDB simple family (application)

**TR 2013000358 W 20131204**; EP 13829049 A 20131204