

Title (en)
SOLAR POWERED LAMP

Title (de)
DURCH SOLARSTROM BETRIEBENE LAMPE

Title (fr)
LAMPE ALIMENTÉE PAR ÉNERGIE SOLAIRE

Publication
EP 2941589 A2 20151111 (EN)

Application
EP 14735197 A 20140103

Priority
• US 201361748637 P 20130103
• US 2014010246 W 20140103

Abstract (en)
[origin: WO2014107621A2] A lighting element for a solar powered lantern is formed integrally with a bottle closure which can be threaded onto a discarded plastic bottle, such that the light emitting diodes (LEDs) of the lighting element extend into the bottle. The lighting element is powered by a rechargeable battery which is recharged by a photovoltaic panel positioned on the top surface of the bottle closure.

IPC 8 full level
F21S 9/03 (2006.01); **F21L 4/00** (2006.01); **F21V 33/00** (2006.01); **F21Y 115/10** (2016.01)

CPC (source: CN EP US)
F21S 9/037 (2013.01 - CN EP US); **F21V 23/0414** (2013.01 - CN); **F21V 23/0428** (2013.01 - CN); **F21V 33/0036** (2013.01 - CN EP); **B65D 51/248** (2013.01 - EP); **F21V 23/0414** (2013.01 - EP); **F21V 23/0428** (2013.01 - EP); **F21Y 2103/10** (2016.07 - EP US); **F21Y 2107/90** (2016.07 - EP US); **F21Y 2115/10** (2016.07 - EP US); **Y02W 30/82** (2015.05 - EP)

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 2014107621 A2 20140710; WO 2014107621 A3 20141023; BR 112015015958 A2 20180123; CA 2896105 A1 20140710; CN 104870888 A 20150826; EP 2941589 A2 20151111; EP 2941589 A4 20160713; JP 2016506056 A 20160225; PH 12015501513 A1 20150921; ZA 201504874 B 20161221

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US 2014010246 W 20140103; BR 112015015958 A 20140103; CA 2896105 A 20140103; CN 201480003647 A 20140103; EP 14735197 A 20140103; JP 2015551793 A 20140103; PH 12015501513 A 20150702; ZA 201504874 A 20150707