

Title (en)
TORCH

Title (de)
TASCHENLAMPE

Title (fr)
LAMPE DE POCHE

Publication
EP 2593710 A2 20130522 (DE)

Application
EP 11760983 A 20110505

Priority
• DE 102010026918 A 20100713
• DE 2011001029 W 20110505

Abstract (en)
[origin: WO2012006974A1] The invention relates to a torch having a switch by means of which different brightness levels and/or various wavelengths of optical light can be selected. According to the invention, this switch is in the form of a rotary switch (19) which is connected to a pressure-loaded, decentrally arranged contact spring (21) which, depending on the rotation position, makes contact with at least two different contact zones (1 to 4) so as to close an electrical circuit, it being possible for different voltages to be set and/or for different LEDs (15) to be activated in the electrical circuit by means of said contact zones.

IPC 8 full level
F21L 4/02 (2006.01); **F21V 23/04** (2006.01); **F21Y 113/20** (2016.01); **F21Y 115/10** (2016.01)

CPC (source: EP US)
F21L 4/027 (2013.01 - EP US); **F21V 23/0414** (2013.01 - EP US); **F21Y 2113/13** (2016.07 - EP US); **F21Y 2115/10** (2016.07 - EP US)

Citation (search report)
See references of WO 2012006977A2

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

DOCDB simple family (publication)
DE 102010026918 A1 20120119; AU 2011278763 A1 20130117; AU 2011278763 B2 20150129; CN 103003619 A 20130327;
CN 103003619 B 20160817; EP 2593710 A2 20130522; EP 2593710 B1 20161130; JP 2013531346 A 20130801; JP 5649251 B2 20150107;
US 2013147390 A1 20130613; US 9410667 B2 20160809; WO 2012006974 A1 20120119; WO 2012006977 A2 20120119;
WO 2012006977 A3 20120705; WO 2012006977 A9 20120518; WO 2012006977 A9 20120823

DOCDB simple family (application)
DE 102010026918 A 20100713; AU 2011278763 A 20110505; CN 201180034257 A 20110505; DE 2010001400 W 20101130;
DE 2011001029 W 20110505; EP 11760983 A 20110505; JP 2013518947 A 20110505; US 201113700221 A 20110505