

Title (en)
WATERPROOF TORCH

Title (de)
WASSERDICHTE TASCHENLAMPE

Title (fr)
LAMPE DE POCHE ÉTANCHE

Publication
EP 2596279 A2 20130529 (DE)

Application
EP 11767896 A 20110620

Priority
• DE 102010031816 A 20100721
• DE 2011001313 W 20110620

Abstract (en)
[origin: WO2012010126A2] The invention relates to a torch comprising a housing, a battery housing which is mounted therein and which has a pressure switch on one end, and an end cap with a push button which is actively connected to the pressure switch. According to the invention, in order to provide a waterproof and at the same time robust torch, a sealing element is arranged between the push button and the pressure switch.

IPC 8 full level
F21V 23/04 (2006.01); **F21L 4/00** (2006.01); **F21V 31/00** (2006.01)

CPC (source: EP KR US)
F21L 4/00 (2013.01 - KR US); **F21L 4/005** (2013.01 - EP US); **F21V 23/0421** (2013.01 - EP US); **F21V 31/00** (2013.01 - KR);
F21V 31/005 (2013.01 - EP US)

Citation (search report)
See references of WO 2012010126A2

Cited by
DE102017128583A1; DE202017107342U1; WO2019105503A1; US11236900B2

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 102010031816 A1 20120126; AU 2011282054 A1 20130307; AU 2011282054 B2 20140605; CN 103026121 A 20130403;
DK 2596279 T3 20161107; EP 2596279 A2 20130529; EP 2596279 B1 20160817; ES 2602744 T3 20170222; JP 2013531353 A 20130801;
KR 20130062328 A 20130612; PL 2596279 T3 20161230; RU 2013102369 A 20140827; RU 2572090 C2 20151227;
US 2013107504 A1 20130502; US 8833960 B2 20140916; WO 2012010126 A2 20120126; WO 2012010126 A3 20120419

DOCDB simple family (application)
DE 102010031816 A 20100721; AU 2011282054 A 20110620; CN 201180036309 A 20110620; DE 2011001313 W 20110620;
DK 11767896 T 20110620; EP 11767896 A 20110620; ES 11767896 T 20110620; JP 2013519958 A 20110620; KR 20137004291 A 20110620;
PL 11767896 T 20110620; RU 2013102369 A 20110620; US 201113704494 A 20110620