

Title (en)  
HAND-LIGHTING DEVICE

Title (de)  
HANDLEUCHTGERÄT

Title (fr)  
APPAREIL D'ÉCLAIRAGE MANUEL

Publication  
**EP 2591285 B1 20210519 (DE)**

Application  
**EP 11729958 A 20110627**

Priority  
• DE 102010031162 A 20100709  
• EP 2011060682 W 20110627

Abstract (en)  
[origin: WO2012004144A1] The invention relates to a hand-lighting device comprising a battery receiving section (12a-d), a pivoting device (14a-d), a lighting device (16a-d), and a coupling means (18a-d) which is provided to contact a hand-tool machine battery (20a-d) that lies in the battery receiving section (12a-d) and which lies between the lighting device (16a-d) and the battery receiving section (12a-d) in at least one operating state. According to the invention, the pivoting device (14a-d) lies at least partly in a region (22a-d) close to the coupling means (18a-d).

IPC 8 full level  
**F21V 33/00** (2006.01); **F21L 4/00** (2006.01); **F21L 4/04** (2006.01); **F21V 21/14** (2006.01)

CPC (source: EP US)  
**F21L 4/00** (2013.01 - EP US); **F21L 4/04** (2013.01 - EP US); **F21V 21/14** (2013.01 - US); **F21V 21/145** (2013.01 - EP US); **F21V 33/0084** (2013.01 - EP US); **F21Y 2105/10** (2016.07 - US); **F21Y 2115/10** (2016.07 - US)

Citation (examination)  
• US 7497584 B1 20090303 - QUITTNER BRIAN [US]  
• US 7048403 B2 20060523 - PARKER DAVID H [US], et al  
• US 2009290335 A1 20091126 - LEVINE JONATHAN E [US]

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 102010031162 A1 20120112**; CN 102959328 A 20130306; CN 102959328 B 20170620; DE 202011111133 U1 20200814; EP 2591285 A1 20130515; EP 2591285 B1 20210519; EP 3879167 A1 20210915; EP 3879167 B1 20230809; EP 3879167 C0 20230809; US 2013170189 A1 20130704; US 9303852 B2 20160405; WO 2012004144 A1 20120112

DOCDB simple family (application)  
**DE 102010031162 A 20100709**; CN 201180033878 A 20110627; DE 202011111133 U 20110627; EP 11729958 A 20110627; EP 2011060682 W 20110627; EP 21165457 A 20110627; US 201113808666 A 20110627