

Title (en)  
ARTICULATED ARM FOR ILLUMINATING SURGICAL FIELDS

Title (de)  
GELENKARM FÜR OPERATIONSFELDBELEUCHTUNG

Title (fr)  
BRAS ARTICULE POUR ÉCLAIRAGE DE CHAMP OPÉRATOIRE

Publication  
**EP 3120822 A1 20170125 (EN)**

Application  
**EP 16179106 A 20160712**

Priority  
IT UB20152430 A 20150723

Abstract (en)  
The object of the present invention is an articulated arm for surgical fields, comprising a first arm (2) able to be constrained to a surface or to a device (100) and mechanically articulated to a second arm, an operating light (4) connected to the second arm (3) to illuminate a surgical field wherein the operating light (4) has adjustable illuminance between a minimum value and a maximum value, at least one auxiliary light (7) fixedly connected to at least one from the first arm (2) and the second arm (3), the auxiliary light (7) having adjustable illuminance between a minimum value and a maximum value, control members (12) being configured to adjust the illuminance of the operating light (4), wherein the control members (12) are active on the auxiliary light (7) so that the minimum value of the auxiliary light (7) is reached when the operating light (4) takes on a limit illuminance value greater than the minimum value thereof.

IPC 8 full level  
**A61G 15/14** (2006.01); **F21V 21/30** (2006.01); **F21V 33/00** (2006.01)

CPC (source: EP)  
**A61G 15/14** (2013.01); **F21V 21/26** (2013.01); **F21V 23/04** (2013.01); **F21W 2131/202** (2013.01); **F21Y 2113/20** (2016.07)

Citation (search report)  
• [X] US 2013281792 A1 20131024 - WELLER MATTHIAS [DE]  
• [T] US 2015123547 A1 20150507 - FUSHIMI SHIGEMI [JP]  
• [T] DE 10224421 A1 20040429 - FIEDLER ARNE [DE]

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)  
**EP 3120822 A1 20170125; EP 3120822 B1 20201014**; ES 2834423 T3 20210617

DOCDB simple family (application)  
**EP 16179106 A 20160712**; ES 16179106 T 20160712