

Title (en)

Ball joint with feed through for an articulated light

Title (de)

Kugelgelenk mit Stromdurchführung für eine Gelenkleuchte

Title (fr)

Articulation à billes dotée d'une traversée de courant pour un luminaire à bras articulés

Publication

**EP 2551585 B1 20140409 (DE)**

Application

**EP 11175210 A 20110725**

Priority

EP 11175210 A 20110725

Abstract (en)

[origin: EP2551585A1] The ball joint (10) has an electrically conductive ball element (12) provided with a conducting connection. The ball element is fixed on an electrical insulating base (14). The insulating base is gripped by an electrically conductive bush (17). Another electrical connection is present to the bush. An electrically non-conductive ball socket (18) is seized with the ball element. A contact point is formed with the ball element by an electrically conductive contact pin (19) through the ball socket. An independent claim is included for an anglepoise with a low-voltage lamp.

IPC 8 full level

**F16C 11/06** (2006.01); **F16M 11/14** (2006.01); **F21V 21/28** (2006.01)

CPC (source: EP US)

**F21V 21/28** (2013.01 - EP US); **F21V 21/29** (2013.01 - EP); **F21V 23/002** (2013.01 - EP); **F21Y 2115/10** (2016.07 - EP US)

Cited by

CN108898707A; DE102014003251A1; CN110671620A; US11543105B2; DE102014003251B4; US10215379B2

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)

**EP 2551585 A1 20130130; EP 2551585 B1 20140409**

DOCDB simple family (application)

**EP 11175210 A 20110725**