

Title (en)
Jointed lamp

Title (de)
Gelenkige Leuchte

Title (fr)
Lampe articulée

Publication
EP 2607782 A1 20130626 (EN)

Application
EP 12199303 A 20121221

Priority
IT MI20112338 A 20111221

Abstract (en)
A jointed lamp (1) comprises an articulated structure (2), formed by at least two elements (5a, 5b) connected by a joint (7), and a lighting head (8); the joint (7) comprises two arms, joined to respective elements (5a, 5b), and a friction device acting on the arms; the friction device comprises a closed circuit, filled with a magneto-rheological fluid, members movable with respect to each other, cooperating with the fluid in the circuit and connected to respective arms, and a magnetic actuator, acting on the fluid for changing the rheological characteristics of the fluid as a function of the magnetic field applied onto the fluid.

IPC 8 full level
F21V 21/15 (2006.01); **F21V 21/26** (2006.01); **F21S 6/00** (2006.01)

CPC (source: EP)
F21V 21/15 (2013.01); **F21V 21/26** (2013.01); **F21S 6/003** (2013.01)

Citation (search report)

- [IY] US 2005201116 A1 20050915 - BROWNE ALAN L [US], et al
- [YA] EP 1598573 A1 20051123 - BAUERFEIND AG [DE]
- [A] KR 20090122517 A 20091201 - KOREA ADVANCED INST SCI & TECH [KR]
- [A] EP 1521035 A1 20050406 - FIAT RICERCHE [IT]

Cited by
CN112130412A; CN110886980A

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 2607782 A1 20130626; EP 2607782 B1 20150211; IT MI20112338 A1 20130622

DOCDB simple family (application)
EP 12199303 A 20121221; IT MI20112338 A 20111221