

Title (en)
LIGHT BOX WITH ROTOR-TRANSLATIONAL OPENING

Title (de)
LEUCHTKASTEN MIT DREHTRANSLATIONSÖFFNUNG

Title (fr)
CAISSON LUMINEUX A OUVERTURE ROTO-TRANSLATIVE

Publication
EP 2401443 B1 20160420 (FR)

Application
EP 10710864 A 20100223

Priority
• FR 2010000170 W 20100223
• FR 0900802 A 20090223

Abstract (en)
[origin: WO2010097525A1] The subject of the invention is an articulated box (1), notably for a false ceiling, comprising: an outer casing (2) formed of four sides (4) defining a quadrilateral on which there is mounted an end wall (5) intended to be fixed to a wall, at least one internal surround (3) formed of four profile sections (6) to the base of which a stretched web (7) is attached, at least one articulation (10) connecting said internal surround (3) and said outer casing (2) in such a way as to allow said internal surround (3) to pivot with respect to said outer casing (2) and at least one closure (14) to keep the internal surround (2) in a closed, so-called operating, position, the articulation (10) comprising a slide (11) secured to the outer casing (2) and on the whole perpendicular to the axis of rotation of the inner surround (3), a hinge assembly (12) secured to the profile section (6). Said box is notable in that the articulation (10) comprises a rolling member (13) allowing the hinge assembly (12) to slide along the slide (11) and which allows said inner surround (3) a movement of the rotor-translational type, said inner surround (3) thus being able to pivot and then be translated along the outer casing (2) or to pivot while effecting a translational movement along said outer casing (2).

IPC 8 full level
E04B 9/00 (2006.01); **E04B 9/32** (2006.01); **E04F 13/00** (2006.01); **E04F 13/08** (2006.01); **E05D 15/58** (2006.01); **F21S 8/02** (2006.01); **F21V 17/10** (2006.01)

CPC (source: EP US)
E04B 9/003 (2013.01 - EP); **E04B 9/303** (2013.01 - EP); **E04B 9/32** (2013.01 - EP); **E04F 13/005** (2013.01 - EP); **E04F 13/0862** (2013.01 - EP US); **F21S 8/02** (2013.01 - EP); **F21V 17/10** (2013.01 - EP); **F21V 17/107** (2013.01 - EP); **E04B 2009/0492** (2013.01 - EP); **F21Y 2103/00** (2013.01 - EP US)

Cited by
CN109071175A; EP3448794A4

Designated contracting state (EPC)
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 SE SI SK SM TR

DOCDB simple family (publication)
FR 2942488 A1 20100827; **FR 2942488 B1 20170203**; EP 2401443 A1 20120104; EP 2401443 B1 20160420; WO 2010097525 A1 20100902

DOCDB simple family (application)
FR 0900802 A 20090223; EP 10710864 A 20100223; FR 2010000170 W 20100223