

Title (en)
HOLDER FOR A MOVABLE SENSOR

Title (de)
HALTERUNG FÜR EINEN BEWEGBAREN SENSOR

Title (fr)
SUPPORT POUR UN CAPTEUR MOBILE

Publication
EP 2446505 A1 20120502 (DE)

Application
EP 10735182 A 20100621

Priority
• DE 2010000711 W 20100621
• DE 102009030239 A 20090623

Abstract (en)
[origin: WO2010149140A1] The invention relates to a holder for a movable sensor (1), which can be directed towards a sensor target (T), on a supporting structure (2), which holder contains at least two sensor-side bearings (22, 24; 26) at a distance to each other, at least two supporting-structure-side bearings (32, 34; 36) at a distance to each other, at least two length-adjustable actuating drive units (4, 5; 6), wherein each of the actuating drive units (4, 5; 6) is provided between an associated sensor-side bearing (22, 24; 26) and an associated supporting-structure-side bearing (32, 34; 36), and a center bearing (7; 8), which is designed in such a way that the center bearing supports the sensor (1) on the supporting structure (2) so that the sensor can be swiveled about a kinematic swivel center point about at least two spatial axes (X, Y; Z).

IPC 8 full level
H01Q 1/18 (2006.01); **F42B 30/00** (2006.01); **H01Q 1/28** (2006.01); **H01Q 3/08** (2006.01)

CPC (source: EP KR US)
F41H 5/26 (2013.01 - EP US); **F42B 30/006** (2013.01 - EP US); **G01S 13/06** (2013.01 - KR); **H01Q 1/1207** (2013.01 - EP US); **H01Q 1/1242** (2013.01 - EP US); **H01Q 1/18** (2013.01 - KR); **H01Q 1/28** (2013.01 - KR); **H01Q 3/08** (2013.01 - EP KR US)

Citation (search report)
See references of WO 2010149140A1

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 SE SI SK SM TR

DOCDB simple family (publication)
DE 102009030239 A1 20101230; EP 2446505 A1 20120502; JP 2012531144 A 20121206; KR 20120138617 A 20121226; RU 2012101942 A 20130727; US 2012119973 A1 20120517; US 8847845 B2 20140930; WO 2010149140 A1 20101229

DOCDB simple family (application)
DE 102009030239 A 20090623; DE 2010000711 W 20100621; EP 10735182 A 20100621; JP 2012516508 A 20100621; KR 20117030701 A 20100621; RU 2012101942 A 20100621; US 201013380119 A 20100621