

Title (en)

GUIDANCE DEVICE FOR MASTS SLIDING ONE WITHIN THE OTHER TELESCOPIC ARMS AND GUIDANCE METHOD

Title (de)

FÜHRUNGSVORRICHTUNG FÜR INEINANDER GLEITENDE MASTEN, TELESKOPARME UND FÜHRUNGSVERFAHREN

Title (fr)

DISPOSITIF DE GUIDAGE DE MATS COULISSANT L'UN DANS L'AUTRE, BRAS TELESCOPIQUE ET PROCEDE DE GUIDAGE

Publication

EP 1910211 A1 20080416 (FR)

Application

EP 06755492 A 20060517

Priority

- FR 2006001106 W 20060517
- FR 0505022 A 20050519

Abstract (en)

[origin: WO2006123052A1] The invention relates to a device fixed to a first mast cooperating with a contact region on the outer face of a second mast (14), sliding essentially coaxially within the first mast. The device comprises guidance units with a roller (40) mounted such as to rotate about an axis (37) perpendicular to the axis of the masts, a friction block (31) with a pressure face (29), means for displacement of the axis of the roller perpendicular to the contact region of the mast according to the force exerted on the mast by the friction block. The pressure zone of the unit on the mast is thus formed by just the roller or the roller and friction block.

IPC 8 full level

B66C 23/70 (2006.01)

CPC (source: EP US)

B66C 23/707 (2013.01 - EP US)

Citation (search report)

See references of WO 2006123052A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2006123052 A1 20061123; AR 053389 A1 20070502; AT E413359 T1 20081115; AU 2006248816 A1 20061123; AU 2006248816 B2 20110630; BR PI0610073 A2 20100525; CA 2608462 A1 20061123; CA 2608462 C 20131210; CN 100558623 C 20091111; CN 101223098 A 20080716; DE 602006003565 D1 20081218; EP 1910211 A1 20080416; EP 1910211 B1 20081105; FR 2885894 A1 20061124; FR 2885894 B1 20070622; MY 144989 A 20111215; NO 20076535 L 20080130; NO 332542 B1 20121015; RU 2007147221 A 20090627; RU 2401794 C2 20101020; US 2008203047 A1 20080828; US 7779580 B2 20100824; ZA 200710501 B 20090429

DOCDB simple family (application)

FR 2006001106 W 20060517; AR P060101899 A 20060511; AT 06755492 T 20060517; AU 2006248816 A 20060517; BR PI0610073 A 20060517; CA 2608462 A 20060517; CN 200680025609 A 20060517; DE 602006003565 T 20060517; EP 06755492 A 20060517; FR 0505022 A 20050519; MY PI20062272 A 20060517; NO 20076535 A 20071218; RU 2007147221 A 20060517; US 91468406 A 20060517; ZA 200710501 A 20060517