

Title (en)
INDIVIDUAL TENSIO METER FOR MEASURING TENSION IN A STRING

Title (de)
INDIVIDUELLES TENSIO METER ZUR SPANNUNGSMESSUNG BEI EINER SAITE

Title (fr)
TENSIO MÈTRE INDIVIDUEL POUR LA MESURE DE TENSION D'UNE CORDE

Publication
EP 2544779 A2 20130116 (FR)

Application
EP 11713847 A 20110303

Priority
• FR 1151730 A 20110303
• FR 1052994 A 20100420
• FR 1000919 A 20100308
• FR 2011050449 W 20110303

Abstract (en)
[origin: WO2011110777A2] The invention relates to an individual tensiometer (1) for measuring tension in a racket string (9), said tensiometer comprising: a grip body (10) and a member (2) for biasing the string (9), both of which can pivot in relation to one another; elastically deformable return means (3) configured to return the grip body (10) and the biasing member (2) in relation to one another into a neutral angular position; means for measuring a value representative of the relative rotation between the grip body (10) and the biasing member (2); and means for calculating the tension in the string as a function of the measured value. The grip body (10) and the biasing member (2) have a first possibility to pivot in relation to one another in a first direction and a second possibility to pivot in relation to one another in a second opposing direction.

IPC 8 full level
A63B 51/00 (2006.01); **B60R 19/30** (2006.01); **B63B 59/02** (2006.01); **E02B 3/26** (2006.01); **F16F 1/36** (2006.01); **G01L 3/14** (2006.01); **G01L 5/04** (2006.01); **G01L 5/06** (2006.01); **G01L 5/10** (2006.01)

CPC (source: EP US)
A63B 51/005 (2013.01 - EP US); **G01L 5/102** (2013.01 - EP US); **A63B 2220/24** (2013.01 - EP US); **A63B 2220/54** (2013.01 - EP US); **A63B 2220/58** (2013.01 - EP US); **A63B 2220/83** (2013.01 - EP US)

Citation (search report)
See references of WO 2011110777A2

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)
FR 2956983 A1 20110909; **FR 2956983 B1 20131101**; EP 2544779 A2 20130116; US 2012312101 A1 20121213; US 8955398 B2 20150217; WO 2011110777 A2 20110915; WO 2011110777 A3 20120315; WO 2011110777 A4 20120503

DOCDB simple family (application)
FR 1151730 A 20110303; EP 11713847 A 20110303; FR 2011050449 W 20110303; US 201113578692 A 20110303