

Title (en)

METHOD, SYSTEM AND MEASURING DEVICE FOR MEASURING ATHLETIC PERFORMANCE CARRIED OUT WITH WEIGHT STACK UNIT AND WEIGHT STACK UNIT

Title (de)

VERFAHREN, SYSTEM UND MESSVORRICHTUNG ZUR MESSUNG ATHLETISCHER LEISTUNG MIT EINER GEWICHTSTAPELEINHEIT UND GEWICHTSTAPELEINHEIT

Title (fr)

PROCÉDÉ, SYSTÈME ET DISPOSITIF DE MESURE PERMETTANT DE MESURER LA PERFORMANCE ATHLÉTIQUE EN UTILISANT UNE PILE DE POIDS ET PILE DE POIDS

Publication

**EP 2040807 B1 20120822 (EN)**

Application

**EP 07788781 A 20070702**

Priority

- FI 2007050406 W 20070702
- FI 20065459 A 20060630

Abstract (en)

[origin: WO2008000919A1] The invention relates to a method for measuring athletic performance carried out with a weight stack unit. The weight stack unit (10) includes weights (12) and a lifting bar (14), to which desired amount of the weights (12) is connected using a pin (16). In addition, the pin (16) stress is measured for determining the athletic performance. The invention also relates to a corresponding system and measuring device and to a weight stack unit.

IPC 8 full level

**A63B 24/00** (2006.01); **A63B 21/06** (2006.01); **G01B 5/30** (2006.01); **G01L 1/00** (2006.01)

CPC (source: EP)

**A63B 21/0628** (2015.10); **A63B 21/063** (2015.10); **A63B 24/0062** (2013.01); **A63B 71/0686** (2013.01); **A63B 2071/0663** (2013.01); **A63B 2220/40** (2013.01); **A63B 2220/54** (2013.01); **A63B 2220/56** (2013.01); **A63B 2220/80** (2013.01); **A63B 2225/50** (2013.01)

Cited by

GB2482496A; US11511156B2; WO2022043663A1

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 MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2008000919 A1 20080103**; DK 2040807 T3 20121112; EP 2040807 A1 20090401; EP 2040807 A4 20100217; EP 2040807 B1 20120822; ES 2393126 T3 20121218; FI 20065459 A0 20060630

DOCDB simple family (application)

**FI 2007050406 W 20070702**; DK 07788781 T 20070702; EP 07788781 A 20070702; ES 07788781 T 20070702; FI 20065459 A 20060630