

Title (en)

Impact measuring target/ergometer for contact sports

Title (de)

Schlagmessendes Ziel/Ergometer für Kontaktsport

Title (fr)

Cible/ergomètre de mesure d'impacts pour sports de contact

Publication

**EP 1221333 A2 20020710 (EN)**

Application

**EP 02250148 A 20020109**

Priority

GB 0100509 A 20010109

Abstract (en)

An impact measuring target/ergometer includes a mannequin 20 which has an upper portion 22 representative of a person's head, a narrower portion 24 representative of a person's neck and a lower portion 26 representative of a person's torso. The mannequin 20 is provided with twelve impact zones numbered 1 to 12, which are each oriented at specific angles intended to replicate the angles of received punches or other hits from a user from different directions. The mannequin 20 is intended to be fixed to a wall 28 or similar immovable structure and for this purpose is provided with suitable securing means. Within the mannequin 20 there is provided one or more accelerometers 38 intended to obtain a measure of an impacting force on the mannequin 20. The signal from the accelerometer(s) can then be processed to obtain an indication of the force of an impact and of the direction of impact. The mannequin may represent any one of more parts of a target intended to be hit. <IMAGE> <IMAGE>

IPC 1-7

**A63B 69/34**

IPC 8 full level

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CPC (source: EP US)

**A63B 69/32** (2013.01 - EP US); **A63B 69/34** (2013.01 - EP US); **A63B 2220/40** (2013.01 - EP); **A63B 2220/53** (2013.01 - EP); **A63B 2244/102** (2013.01 - EP US)

Cited by

DE10323348B4; EP1736211A1; NL1024523C2; GB2439381A; ITRM20130109A1; WO2008055279A1; WO2006100696A1; WO2005068028A1

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