

Title (en)

SYSTEM AND METHOD FOR TRACKING AND ASSESSING MOVEMENT SKILLS IN MULTIDIMENSIONAL SPACE

Title (de)

SYSTEM UND VERFAHREN ZUM VERFOLGEN UND AUSWERTEN VON BEWEGUNGSFÄHIGKEITEN IN EINEM MULTIDIMENSIONALEN RAUM

Title (fr)

DISPOSITIF ET TECHNIQUE DE SUIVI ET D'ESTIMATION DE LA DEXTERITE DE MOUVEMENTS DANS UN ESPACE PLURIDIMENSIONNEL

Publication

EP 1059970 A2 20001220 (EN)

Application

EP 99909805 A 19990303

Priority

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- US 17327498 A 19981015
- US 12193599 P 19990226

Abstract (en)

[origin: WO9944698A2] Accurate simulation of sport to quantify and train performance constructs by employing sensing electronics for determining, in essentially real time, the player's three dimensional positional changes in three or more degrees of freedom (three dimensions); and computer controlled sport specific cuing that evokes or prompts sport specific responses from the player that are measured to provide meaningful indicia of performance. The sport specific cuing is characterized as a virtual opponent that is responsive to, and interactive with, the player in real time. The virtual opponent continually delivers and/or responds to stimuli to create realistic movement challenges for the player.

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