

Title (en)

MULTI-USER SMARTGLOVE FOR VIRTUAL ENVIRONMENT-BASED REHABILITATION

Title (de)

MEHRBENUTZER-SMARTGLOVE FÜR REHABILITATION AUF GRUNDLAGE VIRTUELLER UMGEBUNGEN

Title (fr)

GANT INTELLIGENT POUR MULTIPLES UTILISATEURS POUR RÉÉDUCATION BASÉE SUR UN ENVIRONNEMENT VIRTUEL

Publication

EP 2389152 A1 20111130 (EN)

Application

EP 10733800 A 20100120

Priority

- US 2010021483 W 20100120
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- US 26654309 P 20091204

Abstract (en)

[origin: WO2010085476A1] A low-cost, virtual environment, rehabilitation system and a glove input device for patients suffering from stroke or other neurological impairments for independent, in-home use, to improve upper extremity motor function, including hand and finger control. The system includes a low-cost input device for tracking arm, hand, and finger movement; an open source gaming engine; and a processing device. The system is controllable to provide four types of multiple patient/user interactions: competition, cooperation, counter-operative, and mixed.

IPC 8 full level

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CPC (source: EP US)

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