

Automatic hand movement apparatus

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Technology description

The invention has a main body, which is fixed on the main body, and the supporting part is a shape that can be supported by the arm, the wrist part, the palm and the thumb of the user. A fin traction part is arranged on that upper part of the main body, a drive motor is connecte on the inner side, a primm is automatically converted, no pressure is generated on the moving joint, and a pair of wheels are arranged on the upper part of the main body; A vertical support portion connects the body with the finger traction portion; The present invention is fixed to the body, and when the thumb is inserted, the thumb is repeatedly moved back and forth, which is a thumb moving part. The inside of the main body is provided with a control part which controls the moving distance between the finger traction part and the thumb moving part. The present invention relates to a hand automatic movement device having the above characteristics. A manual automatic exercise device of that invention has the effect of automatic rehabilitation of hand movement for stroke patient, traumatic brain injury patients due to traffic accident, rheumatic patients, peripheral nerve injury patients, etc., and can also gradually expand the exercise range and increase the training intensity. The most important function of the hand is the ability of the thumb to move independently, and this product maximizes this ability.

Application area

Independent training of the thumb, the most important of the functions of the hand, to maximize therapeutic effects

Institution

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