

Title (en)
HANDHELD-REHABILITATION-DEVICE

Title (de)
HANDHALTBARE REHABILITATIONSVORRICHTUNG

Title (fr)
DISPOSITIF DE RÉÉDUCATION PORTABLE

Publication
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Application
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Abstract (en)
[origin: EP3895679A1] The invention relates to a handheld rehabilitation device comprising a housing (h), an actuator, a battery, a microcontroller and an opening mechanism including at least one opening plate (1) rotatably connected to the housing (h) by means of radial bearings (14) from a closed position to an open position around at least one axis of rotation (1') up to a maximum angle of rotation (α), wherein the actuator, the battery and the microcontroller are included inside the housing (h), wherein the microcontroller controls the speed and the maximum angle of rotation (α) of the opening mechanism, wherein the at least one opening plate (1) rotates between the closed position and the open position by means of the actuator. Furthermore, the invention also relates to methods for performing hand opening/closing, wrist orientation and tactile localization exercises with an inventive handheld rehabilitation device.

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