

Title (en)
Machine for passive and active kinesistherapy

Title (de)
Vorrichtung für passive und aktive Bewegungstherapie

Title (fr)
Appareil pour kinésithérapie passive et active

Publication
EP 0920848 A2 19990609 (EN)

Application
EP 98600008 A 19980423

Priority
GR 97100165 A 19970429

Abstract (en)
The machine consists of the main machine section (fig. 1) having a motor which converts the rotary movement to reciprocal (back and forth) movement of adjustable length, a sliding regulator (fig. 1) (8) which has a motor polarity alternating switch, ensuring thus the carriage movement direction reversal, when they fall on the sliding regulator switch (8). Special foldable footrests are placed on the carriages (fig. 1) (7) where the legs to be exercised are attached. By mean of the end stops (12) and by assisting flexible springs, we activate the special footrest for special exercises of the ankle. By using the foldable arm (fig. 3) we transfer the movement from the carriages to the foldable handles which are located on the adjustable pair of stanchions (fig. 2) in order to exercise the hands and the nape. The special head supporting case (of small swing shape) assists in moving the head to the left and right with a simultaneous slight lift (fig 6). Placing the pull brace on the carriages (fig. 5) and depending on the height of the hands when we hold the handles, we exercise the waist and the spine making movements to the left and right on an arcuate path, or making bends with adjustable intensity and frequency. <IMAGE>

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