

# CPC COOPERATIVE PATENT CLASSIFICATION

## A HUMAN NECESSITIES

### HEALTH; AMUSEMENT

#### A61 MEDICAL OR VETERINARY SCIENCE; HYGIENE

#### A61H PHYSICAL THERAPY APPARATUS, e.g. DEVICES FOR LOCATING OR STIMULATING REFLEX POINTS IN THE BODY; ARTIFICIAL RESPIRATION; MASSAGE; BATHING DEVICES FOR SPECIAL THERAPEUTIC OR HYGIENIC PURPOSES OR SPECIFIC PARTS OF THE BODY (electrotherapy, magnetotherapy, radiation therapy, ultrasound therapy [A61N](#))

##### NOTE

In this subclass, the following expression is used with the meaning indicated:

- "physical therapy" covers the treatment of disease or disability by means, e.g. mechanical means, as opposed to drugs or surgery. It includes, by way of example, massage, whirlpool baths or devices for exercising a passive body member.

##### WARNING

In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

1/00	Apparatus for passive exercising ( <a href="#">A61H 5/00</a> takes precedence); Vibrating apparatus {(driving means for vibrating <a href="#">A61H 23/00</a> )}; Chiropractic devices, e.g. body impacting devices, external devices for briefly extending or aligning unbroken bones	2001/0203	. . {Rotation of a body part around its longitudinal axis}
		2001/0207	. . {Nutating movement of a body part around its articulation}
		2001/0211	. . {Walking coordination of arms and legs}
		1/0214	. . {by rotating cycling movement}
1/001	{Apparatus for applying movements to the whole body}	1/0218	. . {Drawing-out devices (suspension devices for supporting the patient in upright walking or standing position <a href="#">A61H 3/008</a> ; orthopedic devices for non-surgical treatment <a href="#">A61F 5/01</a> ; stretching fractured limbs <a href="#">A61F 5/04</a> )}
		1/0222	. . . {Traction tables ( <a href="#">A61H 1/0229</a> take precedence)}
		1/0229	. . . {by reducing gravity forces normally applied to the body, e.g. by lifting or hanging the body or part of it}
		2001/0233	. . . {Pulsating, alternating, fluctuating}
1/003	. . {Rocking or oscillating around a horizontal axis transversal to the body}	1/0237	. . {for the lower limbs}
1/005	. {Moveable platform, e.g. vibrating or oscillating platform for standing, sitting, laying, leaning}	1/024	. . . {Knee ( <a href="#">A61H 1/0255</a> takes precedence)}
1/006	. {Apparatus for applying pressure or blows for compressive stressing of a part of the skeletal structure, e.g. for preventing or alleviating osteoporosis}	1/0244	. . . {Hip ( <a href="#">A61H 1/0255</a> takes precedence)}
1/008	{Apparatus for applying pressure or blows almost perpendicular to the body or limb axis, e.g. chiropractic devices for repositioning vertebrae, correcting deformation}	2001/0248	. . . . {by separating the legs laterally}
		2001/0251	. . . . {by moving the legs together laterally}
		1/0255	. . . {Both knee and hip of a patient, e.g. in supine or sitting position, the feet being moved in a plane substantially parallel to the body-symmetrical-plane ( <a href="#">A61H 1/0214</a> takes precedence)}
		1/0259	. . . . {moved by translation}
1/02	Stretching or bending {or torsioning} apparatus for exercising	1/0262	. . . . {Walking movement; Appliances for aiding disabled persons to walk ( <a href="#">A61H 3/00</a> takes precedence)}
		1/0266	. . . {Foot}
		2001/027	. . . . {Toes}
		1/0274	. . {for the upper limbs}
		1/0277	. . . {Elbow}
		1/0281	. . . {Shoulder}

##### NOTE

In this group, documents which are of interest for more than one subgroup are classified in the hierarchically higher group only, unless there is a specific group for the combination

- 1/0285 . . . {Hand}
- 1/0288 . . . . {Fingers}
- 1/0292 . . {for the spinal column ([A61H 1/0218](#) takes precedence)}
- 1/0296 . . . {Neck}
- 3/00 Appliances for aiding patients or disabled persons to walk about** (apparatus for helping babies to walk [A47D 13/04](#); {orthopaedic devices for correcting deformities of, or supporting, limbs [A61F 5/0102](#)}; exercising apparatus for the feet or toes [A63B 23/10](#); {stairways or ramps [E04F 11/00](#)})
  - 2003/001 . . {on steps or stairways}
  - 2003/002 . . {with attached or incorporated article carrying means}
  - 2003/003 . . {Umbrellas}
  - 2003/004 . . {Trays}
  - 2003/005 . . {with knee, leg or stump rests}
  - 2003/006 . . {with forearm rests, i.e. for non-used arms}
  - 2003/007 . . {secured to the patient, e.g. with belts}
  - 3/008 . . {Using suspension devices for supporting the body in an upright walking or standing position, e.g. harnesses ([drawing-out devices A61H 1/0218](#))}
  - 3/02 Crutches
    - 2003/0205 . . {Crutches with no pivoting movement during use, e.g. tripods}
    - 2003/0211 . . {with curved ground-engaging means, i.e. rockers}
    - 2003/0216 . . {Crutches in which movement is limited to a pivoting in one plane, e.g. 2-point supports}
    - 2003/0222 . . {with means for grasping or picking-up objects}
    - 2003/0227 . . {convertible from armpit- into forearm-model}
    - 2003/0233 . . {convertible from armpit crutch into cane}
    - 2003/0238 . . {convertible from forearm crutch into cane}
    - 3/0244 . . {Arrangements for storing or keeping upright when not in use}
  - 2003/025 . . . {with devices for securing a pair of crutches together}
  - 2003/0255 . . . {on a single crutch for being fixed on or supported by a wall, furniture or the like}
  - 2003/0261 . . . {on walls or furniture for receiving single crutches}
  - 2003/0266 . . . {with magnetic fixing}
  - 2003/0272 . . . {on a single crutch allowing it to remain upright when not in use, e.g. retractable tripods ([A61H 2003/0205](#) takes precedence)}
  - 3/0277 . . {Shock absorbers therefor}
  - 2003/0283 . . . {using elastomeric material}
  - 3/0288 . . {Ferrules or tips therefor ([for walking sticks or umbrellas A45B 9/04](#))}
  - 2003/0294 . . . {comprising a ball-and-socket joint}
  - 3/04 Wheeled walking aids for disabled persons ([A61H 3/06](#) takes precedence)
    - 2003/043 . . {with a drive mechanism}
    - 2003/046 . . {with braking means}
    - 3/06 Walking aids for blind persons ([replacing direct visual perception by another kind of perception A61F 9/08](#))
      - 3/061 . . {with electronic detecting or guiding means}
      - 2003/063 . . . {with tactile perception}
      - 2003/065 . . . . {in the form of braille}
      - 3/066 . . {Installations on the floor, e.g. special surfaces, to guide blind persons}

- 3/068 . . {Sticks for blind persons}
- 5/00 Exercisers for the eyes**
- 5/005 . . {Exercisers for training the stereoscopic view}

**Massage** (of the heart [A61H 31/00](#); accessories for massage [A61H 37/00](#); electro-medical massage devices applying electric current by contact [A61N 1/18](#))

- 7/00 Devices for suction-kneading massage; Devices for massaging the skin by rubbing or brushing not otherwise provided for** (electro-medical massage devices applying electric current by contact [A61N 1/18](#) ; brushes in general [A46](#); bathing sponges, brushes, gloves or similar cleaning or rubbing implements not specially for massage [A47K 7/02](#); suction devices for nursing [A61M 1/06](#), [A61M 1/08](#); rollers or balls therefore, [A61H 15/00](#))
  - 7/001 . . {without substantial movement between the skin and the device}
  - 7/002 . . {by rubbing or brushing}
  - 7/003 . . {Hand-held or hand-driven devices}
  - 7/004 . . {power-driven, e.g. electrical}
  - 7/005 . . . {hand-held}
  - 7/006 . . {Helmets for head-massage ([baths for the head A61H 35/008](#); washing, rinsing, drying [A45D](#))}
  - 7/007 . . {Kneading}
  - 7/008 . . {Suction kneading}
  - 2007/009 . . {having massage elements rotating on parallel output axis}
- 9/00 Pneumatic or hydraulic massage**
  - 9/0007 . . {Pulsating}
  - 2009/0014 . . {with particles, e.g. sand}
  - 9/0021 . . {Hydraulic massage}
- WARNING**

Group [A61H 9/0021](#) is incomplete pending reclassification of documents from group [A61H 9/0028](#).

Group [A61H 9/0021](#) is also impacted by reclassification into group [A61H 9/0028](#).

Groups [A61H 9/0021](#) and [A61H 9/0028](#) should be considered in order to perform a complete search.
- 9/0028 . . {Hand-held devices for spraying and removing liquid while moved on the skin}
- WARNING**

Group [A61H 9/0028](#) is incomplete pending reclassification of documents from group [A61H 9/0021](#).

Group [A61H 9/0028](#) is also impacted by reclassification into group [A61H 9/0021](#).

Groups [A61H 9/0028](#) and [A61H 9/0021](#) should be considered in order to perform a complete search.
- 2009/0035 . . {with cabin for the whole body}
- 2009/0042 . . {with water recirculation}
- 9/005 . . {Pneumatic massage}
- 9/0057 . . {Suction ([suction kneading A61H 7/008](#))}
- 2009/0064 . . {suction by releasing a flexible cup after deformation, i.e. without further vacuum source}
- 9/0071 . . {by localized pressure, e.g. air streams or jets}

9/0078	. . {with intermittent or alternately inflated bladders or cuffs ( <a href="#">mattresses for preventing bed-sores with alternated pressurized chambers A61G 7/05776</a> )}	23/004	. {With mechanical drive, e.g. spring mechanism or vibrating unit being hit for starting vibration and then applied to the body of a patient}
9/0085	. . . {Inflated by user's body movement, e.g. ambulatory devices}		<b>WARNING</b>
9/0092	. . . {Cuffs therefor}		Not complete, pending the completion of a reclassification
<b>11/00</b>	<b>Belts, strips or combs for massage purposes</b>		
2011/005	. {with belt or strap expanding and contracting around an encircled body part}	23/006	. {Percussion or tapping massage ( <a href="#">hand percussion A61H 23/06</a> )}
11/02	. Massage devices with strips oscillating lengthwise		<b>WARNING</b>
<b>13/00</b>	<b>Gum massage</b>		Not complete, pending the completion of a reclassification
13/005	. {Hydraulic gum massage}		
<b>15/00</b>	<b>Massage by means of rollers, balls, e.g. inflatable, chains, or roller chains</b>	23/008	. {using shock waves}
2015/0007	. {with balls or rollers rotating about their own axis}	23/02	. with electric or magnetic drive
2015/0014	. . {cylinder-like, i.e. rollers}	2023/0209	. . {powered with frequencies not related to mains frequency}
2015/0021	. . . {multiple on the same axis}	23/0218	. . {with alternating magnetic fields producing a translating or oscillating movement}
2015/0028	. . {disc-like, i.e. diameter substantially greater than width}	2023/0227	. . . {with magnetostrictive elements}
2015/0035	. . . {multiple on the same axis}	23/0236	. . . {using sonic waves, e.g. using loudspeakers}
2015/0042	. . {Balls or spheres}	23/0245	. . {with ultrasonic transducers, e.g. piezo-electric}
2015/005	. . . {multiple on the same axis}	23/0254	. . {with rotary motor}
2015/0057	. . {the axis being resiliently biased}	23/0263	. . . {using rotating unbalanced masses}
2015/0064	. {with freely rotating spheres}	2023/0272	. . . . {multiple masses each rotated by an individual motor}
2015/0071	. {with balls or rollers having built-in vibrating means}	2023/0281	. . . . {multiple masses driven by the same motor}
15/0078	. {power-driven}	2023/029	. . . . {with variable angular positioning}
15/0085	. . {hand-held}	23/04	. with hydraulic or pneumatic drive ( <a href="#">hydraulic or Pneumatic massages, A61H 9/00; underwater massages, A61H 33/00</a> )}
15/0092	. {hand-held ( <a href="#">A61H 15/0085 takes precedence</a> )}	2023/045	. . {using hydrostatic pressure, e.g. high density fluids}
15/02	. adapted for simultaneous treatment with light, heat or drugs	23/06	. Hand percussion {, i.e. Hand driven ( <a href="#">chiropractic devices, A61H 1/008, A61H 1/006</a> )}
<b>19/00</b>	<b>Massage for the genitals; {Devices for improving sexual intercourse (penis erection devices <a href="#">A61F 5/41</a>; vibration or percussion related aspects <a href="#">A61H 23/00</a>)}</b>	<b>31/00</b>	<b>Artificial respiration or heart stimulation</b> ( <a href="#">blood pumps A61M 1/10</a> ; artificial respiration by treatment with gas or air, e.g. mouth-to-mouth respiration <a href="#">A61M 16/00</a> ; applying electric currents by contact electrodes for stimulation, e.g. heart pace-makers <a href="#">A61N 1/36</a> ; teaching or training models, demonstration models for medical purposes <a href="#">G09B 23/288</a> )
19/30	. {Devices for external stimulation of the genitals}	2031/001	. {fixed on the chest by suction}
19/32	. . {for inserting the genitals therein, e.g. vibrating rings for males or breast stimulating devices}	2031/002	. {fixed on the chest by adhesives}
19/34	. . {For clitoral stimulation}	2031/003	. {with alternated thorax decompression due to lateral compression}
19/40	. {Devices insertable in the genitals}	31/004	. {Heart stimulation}
19/44	. . {Having substantially cylindrical shape, e.g. dildos}	31/005	. . {with feedback for the user}
19/50	. {Devices for use during sexual intercourse}	31/006	. . {Power driven}
<b>21/00</b>	<b>Massage devices for cavities of the body {, e.g. nose, ears and anus (<a href="#">for the genitals A61H 19/00</a>); Vibration or percussion related aspects <a href="#">A61H 23/00</a>}</b>	31/007	. . {Manual driven}
<b>23/00</b>	<b>Percussion or vibration massage, e.g. using supersonic vibration; Suction-vibration massage; Massage with moving diaphragms {(<a href="#">apparatus for passive exercising A61H 1/00</a>; generating or transmitting mechanical vibrations in general <a href="#">B06B</a>)}</b>	31/008	. {Supine patient supports or bases, e.g. improving air-way access to the lungs}
2023/002	. {having a percussion element combined with a passive spacer element for bearing against the skin}	31/02	. "Iron-lungs" {, i.e. involving chest expansion by applying underpressure thereon}, whether or not combined with gas breathing means
		2031/025	. . {using the same pump for pressure and vacuum, not being driven at the respiratory rate, e.g. blowers}

33/00	<b>Bathing devices for special therapeutic or hygienic purposes</b> ( <a href="#">A61H 35/00</a> takes precedence; {sprays acting on a body or body part not immersed in water <a href="#">A61H 9/00</a> ; means for washing bed-ridden persons <a href="#">A61G 7/0005</a> ; } for sub aquatic intestinal cleaning <a href="#">A61M 9/00</a> ; {isolation chambers <a href="#">A61M 21/0094</a> ; } electric or magnetic baths, applying ionised fluids <a href="#">A61N 1/44</a> {; heater for bath tubs <a href="#">F24H 1/0081</a> ))	2033/042 . . . {gas-fluidised or gas-heated during use} 2033/043 . . {Foam baths} 2033/044 . . {Baths with herbs, e.g. infusions} 2033/045 . . {Liquid-metal baths} 2033/046 . . {Mud baths; Baths using sand or other particles in water}
2033/0004	. {Bathing devices specially adapted for treating burned patients}	2033/047 . . {Paraffin or wax baths} 2033/048 . . {Baths using solutions, e.g. salts}
2033/0008	. {Arrangement for cleaning the installation before or after use (not used)}	33/06 . Artificial hot-air or cold-air baths; Steam or gas baths or douches, e.g. sauna or Finnish baths {( <a href="#">artificial climate rooms</a> <a href="#">A61G 10/02</a> )}
2033/0012	. . {by rinsing}	2033/061 . . {Artificial hot-air baths}
2033/0016	. . {using cleansing products}	2033/062 . . {Artificial cold-air baths}
2033/002	. . {by blowing air through the installation after the bath has been emptied}	33/063 . . {Heaters specifically designed therefor}
2033/0025	. . {by connecting the air lines with the drain}	33/065 . . . {with steam generators}
2033/0029	. . {with ultrasonics}	33/066 . . {Cabins therefor}
2033/0033	. . {by draining-off pumps, nozzles, waterlines by gravity}	33/067 . . . {Installations for the inside of such cabins, e.g. seats}
2033/0037	. {Arrangement for cleaning the fluid during use}	2033/068 . . {Steam baths}
2033/0041	. {Cleaning and recovery of the fluid without mixing the cleaned and uncleaned fluid, e.g. using a recovery tank}	33/08 . . Air douches for hygienic purposes ( <a href="#">hair-driers</a> <a href="#">A45D 20/00</a> ; body-drying devices <a href="#">A47K 10/48</a> ; electric heating elements <a href="#">H05B</a> )
2033/0045	. {with heat-recovery of waste fluid}	33/10 . . Devices on tubs for steam baths
33/005	. {Electrical circuits therefor}	33/12 . . Steam baths for the face
2033/0054	. . {with liquid level detectors}	33/14 . Devices for gas baths with ozone, hydrogen, or the like ( <a href="#">production of ozone or hydrogen</a> <a href="#">C01B</a> , <a href="#">C25B 1/02</a> )
2033/0058	. . {controlled by the user}	2033/141 . . {with ionised gas, e.g. ozone}
2033/0062	. . . {with electro-pneumatic or -hydraulic switches}	2033/143 . . {with oxygen}
2033/0066	. . . {with low-voltage switching, e.g. using optical isolators, isolated transformers}	2033/145 . . {with CO <sub>2</sub> }
2033/007	. . . {with capacitors, e.g. proximity switches}	2033/146 . . {with nitrogen}
2033/0075	. . . {with opto-electric switches}	2033/148 . . {with hydrogen}
2033/0079	. . . {using remote control signal transmission devices, e.g. ultrasonic, infra-red}	33/60 . {Components specifically designed for the therapeutic baths of groups <a href="#">A61H 33/00</a> ( <a href="#">plumbing</a> <a href="#">E03C 1/00</a> )}
2033/0083	. . {Illumination}	33/6005 . . {Special constructive structural details of the bathtub, e.g. of the walls or supporting structure}
33/0087	. {Therapeutic baths with agitated or circulated water}	33/601 . . {Inlet to the bath}
33/0091	. . {Water agitated by means moving in the bath, i.e. without water connections to an outside pump circuit}	33/6015 . . . {Cascade massage}
33/0095	. {Arrangements for varying the temperature of the liquid}	33/6021 . . . {Nozzles}
33/02	. Bathing devices for use with gas-containing liquid, or liquid in which gas is led or generated, e.g. carbon dioxide baths {( <a href="#">A61H 33/6026</a> takes precedence)}	33/6026 . . . . {Nozzles in the bathtub connected to an outside pump circuit without modification of the walls}
2033/021	. . {Nozzles having flow-regulation means}	33/6031 . . . . {Extendible or retractable}
2033/022	. . {with control means for regulating the air volume aspirated by a water jet}	33/6036 . . . . {Hand-held connected to a supply hose}
2033/023	. . {with means in the air supply lines to prevent back-feed of water, e.g. anti-backflow valves, draining devices}	33/6042 . . . . {Used also as outlet}
33/025	. . {Aerating mats or frames, e.g. to be put in a bath-tub}	33/6047 . . . . {With incorporated pump means}
33/026	. . {Gas nozzles specially adapted therefor}	33/6052 . . . . {Having flow regulating means}
33/027	. . {Gas-water mixing nozzles therefor}	33/6057 . . . . {Comprising means producing pulsating or intermittent streams ( <a href="#">for massage</a> , <a href="#">A61H 9/0007</a> )}
33/028	. . {Means for producing a flow of gas, e.g. blowers, compressors}	33/6063 . . . . {Specifically adapted for fitting in bathtub walls}
33/04	. Appliances for sand, mud {, wax} or foam baths; Appliances for metal baths, e.g. using metal salt solutions	33/6068 . . {Outlet from the bath}
2033/041	. . {Baths with dry sand or other dry particles}	33/6073 . . . {Intake mouths for recirculation of fluid in whirlpool baths}
		33/6078 . . . . {Combined with waste outlets}
		33/6084 . . . {For filling to the border or edge of the bath, i.e. no border to be seen}
		33/6089 . . {Specific construction features for further massaging means, i.e. not for the nozzles}



33/6094	. . . {Extending through the wall of the bathing device}	2201/0157	. . portable
<b>35/00</b>	<b>Baths for specific parts of the body {(electric circuits therefor <a href="#">A61H 33/005</a>; specific components therefor <a href="#">A61H 33/60</a>)}</b>	2201/0161	. . Size reducing arrangements when not in use, for stowing or transport
35/002	. {Breast baths}	2201/0165	. . Damping, vibration related features
2035/004	. {for the whole body except the head}	2201/0169	. . . Noise reduction
35/006	. {for the feet}	2201/0173	. . Means for preventing injuries
35/008	. {for the head ( <a href="#">A61H 35/02</a> and <a href="#">A61H 35/04</a> takes precedence)}	2201/0176	. . . By stopping operation
35/02	. for the eyes	2201/018	. . . By limiting the applied torque or force
35/04	. for the nose	2201/0184	. . . by raising an alarm
<b>36/00</b>	<b>Sweating suits</b>	2201/0188	. . Illumination related features
<b>37/00</b>	<b>Accessories for massage</b>	2201/0192	. . Specific means for adjusting dimensions
37/005	. {Body floating supports for relaxation in water}	2201/0196	. . . automatically adjusted according to anthropometric data of the user
<b>39/00</b>	<b>Devices for locating or stimulating specific reflex points of the body for physical therapy, e.g. acupuncture (chiropractors' instruments <a href="#">A61B 17/54</a>; {for radiation therapy <a href="#">A61N 5/0619</a>)}</b>	2201/02	. heated or cooled
39/002	. {Using electric currents (electrotherapy <a href="#">A61N 1/32</a> )}	2201/0207	. . heated
2039/005	. {by means of electromagnetic waves, e.g. I.R., U.V. rays}	2201/0214	. . cooled
39/007	. {Stimulation by mechanical vibrations, e.g. ultrasonic}	2201/0221	. . Mechanism for heating or cooling
39/02	. Devices for locating such points	2201/0228	. . . heated by an electric resistance element
39/04	. Devices for pressing such points, e.g. Shiatsu {or Acupressure} (Massage or pressure on general areas <a href="#">A61H 9/00</a> - <a href="#">A61H 23/00</a> )	2201/0235	. . . . Thermistors with Positive Temperature Coefficient [PTC]
39/06	. Devices for heating or cooling such points within cell-life limits (cauterisers, moxaburners, cryogenic apparatus <a href="#">A61B 18/06</a> ; heating or cooling appliances for medical treatment of general areas of the human body <a href="#">A61F 7/00</a> )	2201/0242	. . . by a fluid circulating in the apparatus
39/08	. Devices for applying needles to such points, i.e. for acupuncture {; Acupuncture needles or accessories therefor}	2201/025	. . . by direct air flow on the patient's body
39/083	. . {Needle tubes}	2201/0257	. . . by a heat accumulator, e.g. a sand or liquid reservoir
39/086	. . {Acupuncture needles}	2201/0264	. . . using heat exchanger, e.g. between fresh and used fluids
<b>99/00</b>	<b>Subject matter not provided for in other groups of this subclass</b>	2201/0271	. . . . using heat loss of a motor
<b>2201/00</b>	<b>Characteristics of apparatus not provided for in the preceding codes</b>	2201/0278	. . . by chemical reaction
2201/01	. Constructive details	2201/0285	. . . with Peltier elements
2201/0103	. . inflatable	2201/0292	. . . with microwaves
2201/0107	. . modular	2201/10	. with further special therapeutic means, e.g. electrotherapy, magneto therapy or radiation therapy, chromo therapy, infra-red or ultraviolet therapy
2201/0111	. . watertight	2201/102	. . with aromatherapy
2201/0115	. . used in water	2201/105	. . with means for delivering media, e.g. drugs or cosmetics
2201/0119	. . Support for the device	2201/107	. . . Respiratory gas
2201/0123	. . . on a door	2201/12	. Driving means
2201/0126	. . . on a wall	2201/1207	. . with electric or magnetic drive
2201/013	. . . Suction cups	2201/1215	. . . Rotary drive
2201/0134	. . . Cushion or similar support	2201/1223	. . . . Frequency controlled AC motor
2201/0138	. . . incorporated in furniture	2201/123	. . . Linear drive
2201/0142	. . . . Beds	2201/1238	. . with hydraulic or pneumatic drive
2201/0146	. . . . Mattresses	2201/1246	. . . by piston-cylinder systems
2201/0149	. . . . Seat or chair	2201/1253	. . driven by a human being, e.g. hand driven
2201/0153	. . . hand-held	2201/1261	. . . combined with active exercising of the patient
		2201/1269	. . . . Passive exercise driven by movement of healthy limbs
		2201/1276	. . . . . by the other leg or arm
		2201/1284	. . . . using own weight
		2201/1292	. . Therapy performed on humans by animals
		2201/14	. Special force transmission means, i.e. between the driving means and the interface with the user
		2201/1409	. . Hydraulic or pneumatic means
		2201/1418	. . Cam
		2201/1427	. . Wobbling plate
		2201/1436	. . Special crank assembly
		2201/1445	. . Overrunning clutches; One-way clutches
		2201/1454	. . Special bearing arrangements
		2201/1463	. . Special speed variation means, i.e. speed reducer
		2201/1472	. . . Planetary gearing

2201/1481	. . Special movement conversion means	2201/5007	. . computer controlled
2201/149	. . . rotation-linear or <u>vice versa</u>	2201/501	. . . connected to external computer devices or networks
2201/16	. Physical interface with patient	2201/5012	. . . . using the internet
2201/1602	. . kind of interface, e.g. head rest, knee support or lumbar support	2201/5015	. . . . using specific interfaces or standards, e.g. USB, serial, parallel
2201/1604	. . . Head	2201/5017	. . Coin operated
2201/1607	. . . . Holding means therefor	2201/502	. . Card operated, e.g. pre-paid card, credit card or ID card
2201/1609	. . . Neck	2201/5023	. . Interfaces to the user
2201/1611	. . . . Holding means therefor	2201/5025	. . . Activation means
2201/1614	. . . . Shoulder, e.g. for neck stretching	2201/5028	. . . . Contact activation, i.e. activated at contact with a surface of the user to be treated
2201/1616	. . . . Holding means therefor	2201/503	. . . . Inertia activation, i.e. activated by movement
2201/1619	. . . Thorax	2201/5033	. . . having a fixed single program
2201/1621	. . . . Holding means therefor	2201/5035	. . . Several programs selectable
2201/1623	. . . Back	2201/5038	. . . freely programmable by the user
2201/1626	. . . . Holding means therefor	2201/5041	. . . control is restricted to certain individuals
2201/1628	. . . Pelvis	2201/5043	. . . Displays
2201/163	. . . . holding means therefor	2201/5046	. . . . Touch screens
2201/1633	. . . . Seat ( <a href="#">A61H 2201/0149 takes precedence</a> )	2201/5048	. . . Audio interfaces, e.g. voice or music controlled
2201/1635	. . . Hand or arm, e.g. handle ( <a href="#">hand-held</a> , <a href="#">A61H 2201/0153</a> ; <a href="#">fore-arm support</a> , <a href="#">A61H 2003/006</a> )	2201/5051	. . hydraulically controlled
2201/1638	. . . . Holding means therefor	2201/5053	. . mechanically controlled
2201/164	. . . Feet or leg, e.g. pedal	2201/5056	. . pneumatically controlled
2201/1642	. . . . Holding means therefor	2201/5058	. . Sensors or detectors
2201/1645	. . . contoured to fit the user	2201/5061	. . . Force sensors
2201/1647	. . . . the anatomy of a particular individual	2201/5064	. . . Position sensors
2201/165	. . . Wearable interfaces	2201/5066	. . . . Limit switches
2201/1652	. . . . Harness	2201/5069	. . . Angle sensors
2201/1654	. . . Layer between the skin and massage elements, e.g. fluid or ball	2201/5071	. . . Pressure sensors
2201/1657	. . Movement of interface, i.e. force application means	2201/5074	. . . . using electric pressure transducers with proportional output
2201/1659	. . . Free spatial automatic movement of interface within a working area, e.g. Robot	2201/5076	. . . Frequency sensors
2201/1661	. . . Wobbling interface, e.g. Stewart platform or Hexapod ( <a href="#">nutating movement</a> , <a href="#">A61H 2001/0207</a> )	2201/5079	. . . Velocity sensors
2201/1664	. . . linear	2201/5082	. . . Temperature sensors
2201/1666	. . . . multidimensional	2201/5084	. . . Acceleration sensors
2201/1669	. . . . moving along the body in a reciprocating manner	2201/5087	. . . Flow rate sensors
2201/1671	. . . rotational	2201/5089	. . . Gas sensors, e.g. for oxygen or CO <sub>2</sub>
2201/1673	. . . . Multidimensional rotation	2201/5092	. . . Optical sensor
2201/1676	. . . Pivoting	2201/5094	. . . . with patient markers
2201/1678	. . . . Means for angularly oscillating massage elements	2201/5097	. . wireless
2201/168	. . . not moving		
2201/1683	. . Surface of interface	<b>2203/00</b>	<b>Additional characteristics concerning the patient</b>
2201/1685	. . . interchangeable ( <a href="#">modular devices</a> , <a href="#">A61H 2201/0107</a> )	2203/02	. immersed in liquid
2201/1688	. . . disposable	2203/03	. especially adapted for animals
2201/169	. . . Physical characteristics of the surface, e.g. material, relief, texture or indicia	2203/04	. Position of the patient
2201/1692	. . . . Enhanced rubbing effect	2203/0406	. . Standing on the feet
2201/1695	. . . . Enhanced pressure effect, e.g. substantially sharp projections, needles or pyramids	2203/0412	. . Kneeling
2201/1697	. . . . Breathability of the material	2203/0418	. . Squatting, i.e. sitting on the heels
2201/50	. Control means thereof	2203/0425	. . Sitting on the buttocks
2201/5002	. . Means for controlling a set of similar massage devices acting in sequence at different locations on a patient	2203/0431	. . . in 90°/90°-position, like on a chair
2201/5005	. . for controlling frequency distribution, modulation or interference of a driving signal	2203/0437	. . . with stretched legs, like in a bed
		2203/0443	. . substantially horizontal
		2203/045	. . . with legs in a kneeled 90°/90°-position
		2203/0456	. . . Supine
		2203/0462	. . . with legs stretched and hips in 90°-position
		2203/0468	. . . Prone
		2203/0475	. . . on the side
		2203/0481	. . Hanging
		2203/0487	. . . upright
		2203/0493	. . . by hanging the patient upside down or inclined downwardly

**2205/00** **Devices for specific parts of the body** ([A61H 1/02](#), [A61H 13/00](#), [A61H 19/00](#), [A61H 21/00](#), [A61H 35/00](#) take precedence)

- 2205/02 . Head
- 2205/021 . . Scalp
- 2205/022 . . Face
- 2205/023 . . . Nose
- 2205/024 . . . Eyes
- 2205/025 . . . Forehead
- 2205/026 . . Mandible
- 2205/027 . . Ears
- 2205/028 . . Temples
- 2205/04 . neck
- 2205/06 . Arms
- 2205/062 . . Shoulders
- 2205/065 . . Hands
- 2205/067 . . . Fingers
- 2205/08 . Trunk
- 2205/081 . . Back
- 2205/082 . . Breasts
- 2205/083 . . Abdomen
- 2205/084 . . Chest
- 2205/085 . . Crotch
- 2205/086 . . Buttocks
- 2205/087 . . Genitals
- 2205/088 . . Hip
- 2205/10 . Leg
- 2205/102 . . Knee
- 2205/104 . . . Patella
- 2205/106 . . for the lower legs
- 2205/108 . . for the upper legs
- 2205/12 . Feet
- 2205/125 . . Foot reflex zones

**2207/00** **Anti-cellulite devices**

**2209/00** **Devices for avoiding blood stagnation, e.g. Deep Vein Thrombosis [DVT] devices**

**2230/00** **Measuring physical parameters of the user**

- 2230/04 . Heartbeat characteristics, e.g. E.G.C., blood pressure modulation
- 2230/045 . . used as a control parameter for the apparatus
- 2230/06 . . Heartbeat rate
- 2230/065 . . . used as a control parameter for the apparatus
- 2230/08 . Other bio-electrical signals
- 2230/085 . . used as a control parameter for the apparatus
- 2230/10 . . Electroencephalographic signals
- 2230/105 . . . used as a control parameter for the apparatus
- 2230/20 . Blood composition characteristics
- 2230/201 . . used as a control parameter for the apparatus
- 2230/202 . . Glucose
- 2230/203 . . . used as a control parameter for the apparatus
- 2230/205 . . partial CO<sub>2</sub>-value
- 2230/206 . . . used as a control parameter for the apparatus
- 2230/207 . . partial O<sub>2</sub>-value
- 2230/208 . . . used as a control parameter for the apparatus
- 2230/25 . Blood flowrate, e.g. by Doppler effect
- 2230/255 . . used as a control parameter for the apparatus
- 2230/30 . Blood pressure ([A61H 2230/04](#) takes precedence)
- 2230/305 . . used as a control parameter for the apparatus ([A61H 2230/045](#) takes precedence)
- 2230/40 . Respiratory characteristics

- 2230/405 . . used as a control parameter for the apparatus
- 2230/42 . . Rate
- 2230/425 . . . used as a control parameter for the apparatus
- 2230/50 . Temperature
- 2230/505 . . used as a control parameter for the apparatus
- 2230/60 . Muscle strain, i.e. measured on the user, e.g. Electromyography [EMG]
- 2230/605 . . used as a control parameter for the apparatus
- 2230/62 . Posture
- 2230/625 . . used as a control parameter for the apparatus
- 2230/65 . Impedance, e.g. skin conductivity; capacitance, e.g. galvanic skin response [GSR]
- 2230/655 . . used as a control parameter for the apparatus
- 2230/70 . Body fat
- 2230/705 . . used as a control parameter for the apparatus
- 2230/80 . Weight
- 2230/805 . . used as a control parameter for the apparatus
- 2230/82 . Height, e.g. length
- 2230/825 . . used as a control parameter for the apparatus
- 2230/85 . Contour of the body
- 2230/855 . . used as a control parameter for the apparatus