CLAIMS

1. A device for massaging and stretching certain body parts, characterised in that it comprises at least two ferrules joined by their opposite sides by means capable of modifying in a controlled manner the distance that separates the ferrules and that generates an axial force between the ferrules, wherein at least one of the ferrules has a housing for housing vibration-generating means fed by a control unit.

2. The device for massaging and stretching certain body parts, according to claim 1, characterised in that it comprises a first ferrule (3) having a housing (3.1) for housing a first vibration-generating means (6) fed by means of cables (6.1), while it also comprises a second ferrule (4) having a housing (4.1) for housing a second vibration-generating means (7) fed by means of cables (7.1), wherein the supply and phase control and magnitude of said vibration-generating means stem from the control unit (8).

3. The device for massaging and stretching certain body parts, according to claim 1 or 2, characterised in that the ferrules have a hollow cylindrical or finger cot configuration.

4. The device for massaging and stretching certain body parts, according to claim 1 or 2 or 3, characterised in that the ferrules are fixed to the body part whereto they are applied by means of an adhesive or by exerting pressure or using a lung or bladder, or combinations of the foregoing.

5. The device for massaging and stretching certain body parts, according to claim 4, characterised in that, in the event of using a lung or bladder as a means for fixing the finger ferrules, each ferrule (3) and (4) has its own lung (3.3) and (4.3), respectively, whereto air is supplied through ducts (3.2) and (4.2), respectively.

6. The device for massaging and stretching certain body parts, according to any of the preceding claims, characterised in that the programmable elastic means (5) is a thermostretch wire made from a Ni-Ti alloy.

7. The device for massaging and stretching certain body parts, according to any of the preceding claims, characterised in that the means capable of modifying in a controlled manner the distance that separates the ferrules has ducts inserted between the ferrules (3) and (4) and connected to an air supply duct (5.1), such that more or less separation is produced between the ferrules in accordance with the air pressure supplied.

8. The device for massaging and stretching certain body parts, according to any of the preceding claims, characterised in that the control unit is in charge of controlling and regulating the intensity, phase and speed of the vibration generated in the vibration-generating means.

9. The device for massaging and stretching certain body parts, according to any of the preceding claims, characterised in that the vibration-generating means is a motor associated with an eccentric or an electromagnetic actuator having an oscillating mass housed in its interior or a combination of both.

10. The device for massaging and stretching certain body parts, according to any of the preceding claims, characterised in that it is used in combination with a finger cot impregnated with an analgesic and/or anti-inflammatory product in its interior.

11. A glove for massaging and stretching certain body parts having the device, according to any of claims 1 to 10, characterised in that at least one of the fingers has the device for treating arthrosis and arthritis.

Claims

1. A device for massaging and stretching certain body parts, characterised in that it comprises at least two ferrules joined by their opposite sides by means capable of modifying in a controlled manner the distance that separates the ferrules and that generates an axial force between the ferrules, wherein at least one of the ferrules has a housing for housing vibration-generating means fed by a control unit.

2. The device for massaging and stretching certain body parts, according to claim 1, characterised in that it comprises a first ferrule (3) having a housing (3.1) for housing a first vibration-generating means (6) fed by means of cables (6.1), while it also comprises a second ferrule (4) having a housing (4.1) for housing a second vibration-generating means (7) fed by means of cables (7.1), wherein the supply and phase control and magnitude of said vibration-generating means stem from the control unit (8).

3. The device for massaging and stretching certain body parts, according to claim 1 or 2, characterised in that the ferrules have a hollow cylindrical or finger cot configuration.

4. The device for massaging and stretching certain body parts, according to claim 1 or 2 or 3, characterised in that the ferrules are fixed to the body part whereto they are applied by means of an adhesive or by exerting pressure or using a lung or bladder, or combinations of the foregoing.

5. The device for massaging and stretching certain body parts, according to claim 4, characterised in that , in the event of using a lung or bladder as a means for fixing the finger ferrules, each ferrule (3) and (4) has its own lung (3.3) and (4.3), respectively, whereto air is supplied through ducts (3.2) and (4.2), respectively.

6. The device for massaging and stretching certain body parts, according to any of the preceding claims, characterised in that the programmable elastic means (5) is a thermostretch wire made from a Ni-Ti alloy.

7. The device for massaging and stretching certain body parts, according to any of the preceding claims, characterised in that the means capable of modifying in a controlled manner the distance that separates the ferrules has ducts inserted between the ferrules (3) and (4) and connected to an air

supply duct (5.1), such that more or less separation is produced between the ferrules in accordance with the air pressure supplied.

8. The device for massaging and stretching certain body parts, according to any of the preceding claims, characterised in that the control unit is in charge of controlling and regulating the intensity, phase and speed of the vibration generated in the vibration-generating means.

9. The device for massaging and stretching certain body parts, according to any of the preceding claims, characterised in that the vibration-generating means is a motor associated with an eccentric or an electromagnetic actuator having an oscillating mass housed in its interior or a combination of both.

10. The device for massaging and stretching certain body parts, according to any of the preceding claims, characterised in that it is used in combination with a finger cot impregnated with an analgesic and/or anti-inflammatory product in its interior.

11. A glove for massaging and stretching certain body parts having the device, according to any of claims 1 to 10, characterised in that at least one of the fingers has the device for treating arthrosis and arthritis.