

Title (en)

AN ELECTRO-PNEUMATIC APPARATUS FOR STIMULATING VENOUS AND LYMPHATIC CIRCULATION

Title (de)

ELEKTROPNEUMATISCHES GERÄT ZUR STIMULIERUNG DER VENÖSEN UND LYMPHATISCHEN ZIRKULATION

Title (fr)

APPAREIL ELECTROPNEUMATIQUE POUR STIMULER LA CIRCULATION VEINEUSE ET LYMPHATIQUE

Publication

EP 1871328 A1 20080102 (EN)

Application

EP 05734820 A 20050331

Priority

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Abstract (en)

[origin: WO2006103707A1] An electro-pneumatic apparatus for venous and lymphatic stimulation comprises in combination a pneumatic device (1), designed to press the Lejars vein foot pump, imitating walking, and an electronic device (2), designed to contract the calf muscle and use electrolysis to break down subcutaneous protein molecules. The pneumatic device (1) comprises at least one shaped shoe (11), inside which there is an inflatable membrane (12) positioned in such a way as to apply pressure on the Lejars pump when the membrane (12) is inflated, and a compressor (13), designed to inflate and deflate the membrane. The electronic device (2) comprises an electromagnetic wave generator (21) and actuator means (22), designed to transmit the waves produced by the generator (21) to a patient according to methods regulated by a microprocessor (23).

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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