

Title (en)

AUTOMATIC PORTABLE PNEUMATIC COMPRESSION SYSTEM

Title (de)

AUTOMATISCHES TRAGBARES PNEUMATISCHES KOMPRESSIONSSYSTEM

Title (fr)

SYSTEME DE COMPRESSION PNEUMATIQUE PORTABLE AUTOMATIQUE

Publication

EP 1699409 A1 20060913 (EN)

Application

EP 03810572 A 20031106

Priority

- IL 0300927 W 20031106
- US 37028302 A 20021106

Abstract (en)

[origin: WO2004041146A1] An automatic portable ambulant miniaturized system for applying pneumatic pressure to a body limb including a portable ambulant hand-held fluid source unit (51, 60, 64), a conduit (54) for delivering fluid generated by the unit, a pressure accumulator (110, 310), and a pressure sleeve (52) coupled to the conduit and adapted to envelop a body limb. The pressure sleeve contains one or more individually inflatable cells (2), each cell being subdivided into two or more longitudinally extending confluent intra-cell compartments (7) along the axis of the body limb. The intra-cell compartments are inflated and deflated essentially simultaneously by the portable fluid source unit. The pressure accumulator can be flexibly tethered to and pneumatically connected to the fluid source unit, but not integral thereof. The pressure accumulator can also be integral with the pressure sleeve.

IPC 8 full level

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