

Title (en)
CUSHION FOR SUPPORTING PATIENTS AND FOR PREVENTING PRESSURE SORES

Title (de)
KISSEN ZUR LAGERUNG VON PATIENTEN UND ZUR VERHINDERUNG VON DEKUBITUS

Title (fr)
COUSSIN POUR SUPPORTER DES PATIENTS ET ÉVITER LES ESCARRES DE DÉCUBITUS

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Application
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Abstract (en)
[origin: WO2007140633A1] The cushion according to the invention is made up of several layers of pneumatic elements (3) which each form a matrix (2). These pneumatic elements (3) each have a multiplicity of holes (5a) into which elastic spring elements, for example foam cylinders (1), are inserted. The pneumatic elements (3) are all substantially congruent, such that the holes (5a) of superposed pneumatic elements (3) are in each case located at the same places. An individual pneumatic element (3) is produced from two superposed sheets of an elastic plastic. The two sheets are welded sealingly to each other at the edges of the cushion and at the edges of the holes (5a). The holes (5a) are cut out after the welding. Each pneumatic element (3) has at least one connection for compressed gas. While supporting a patient, the pneumatic elements (3) are alternately supplied with compressed gas and then relaxed again. This has the effect of changing the load of the patient from more on the pneumatic elements to more on the spring elements, and vice versa.

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