

Title (en)

Deformable support element and bed system

Title (de)

Verformbares Stützelement und Liegesystem

Title (fr)

Élément de soutien déformable, et système de couchage

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2011061317A1] The invention relates to a deformable support element (1) for use in a bed system, and to a bed system comprising the support elements (1) according to the invention. The bed system is suited in particular for use in the prevention of the development of decubitus by recumbent patients. The support element (1) according to the invention consists of a resting surface (2), flexible edge elements (3), which are connected at each end to the resting surface (2) and allow for a directed movement of the end of the resting surface (2) out of an unloaded position, and one or more actuators (7) beneath the resting surface (2) for deforming the resting surface (2). The invention is advantageously characterized in that the resting surface (2) of the support element (1) can take on a straight shape by the actuation of the actuator or actuators (7) or can be deformed into an undulated shape or into a movement that is directed upward or downward.

IPC 8 full level

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