

Title (en)
SUPPORT ELEMENT FOR A CUSHION COVER FOR SEATING AND LYING AREAS

Title (de)
LAGERELEMENT FÜR EINE POLSTERAUFLAGE VON SITZ- UND LIEGEFLÄCHEN

Title (fr)
ÉLÉMENT D'APPUI POUR SUPPORT DE REMBOURRAGE DE SURFACES D'ASSISE ET DE SURFACES DE COUCHAGE

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Abstract (en)
[origin: WO2008119400A1] The invention relates to a support element for a cushion cover for seating and lying areas, preferably for mattresses, comprising a baseplate that can be fixed to a base, and at least one spring element formed by a plurality of spring arms and extending upward from the baseplate (2) in the direction of the cushion cover, wherein the spring arms each are provided with a substantially U-shaped corrugated spring element on the upper ends thereof, oriented away from the baseplate, said corrugated spring element comprising at least two parallel spaced spring legs located on concentric ring tracks and disposed about the central axis of the support element and at least one connecting bar joining the spring legs, one end of the spring leg located on the inner ring track being connected to the corresponding spring arm, and one end of the spring leg located on the outer ring track being connected to the support plate provided for supporting the cushion element. According to the invention, the support plate (14) comprises a ring-shaped frame part (15) connecting the upper ends of the spring legs (11, 12) of the corrugated spring elements (7) and a support disc (16) rotatable about the central axis (8) of the support element (1) in the frame part (15), wherein the support disc (16) is provided in the outer edge region thereof with an adjusting device for limiting the movement of the spring legs (11 and 12) of the corrugated spring elements (7).

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