

Title (en)
CELLS FOR AIR MATTRESS, AND AIR MATTRESS

Title (de)
ZELLENEINHEIT FÜR LUFTMATRATZE UND LUFTMATRATZE

Title (fr)
CELLULES POUR MATELAS PNEUMATIQUE, ET MATELAS PNEUMATIQUE

Publication
EP 2949239 A1 20151202 (EN)

Application
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Abstract (en)
An air mat cell unit has a middle-level cell (25) having an air supply port (25a), first and second lower-level cells (26, 27), and a plurality of pairs of upper-level cells (28, 29, 30). Each of the first and second lower-level cells (26, 27) has a length smaller than the length of the middle-level cell (25) and includes an air supply port (26a). The first and second lower-level cells (26, 27) are attached to a lower surface of the middle-level cell (25) in the longitudinal direction of the middle-level cell (25) and communicate with each other. The pairs of the upper-level cells (28, 29, 30) are attached to an upper surface of the middle-level cell (25) in the longitudinal direction of the middle-level cell (25). Each pair of the upper-level cells (28, 29, 30) extend parallel with each other, communicate with each other, and communicate with the middle-level cell (25). A clearance (G1, G2) is set between a specific pair of the upper-level cells (29) and another pair of the upper-level cells (28, 30) adjacent to the specific pair of the upper-level cells (29). The sum of the length of the upper-level cell (28), the length of the upper-level cell (29), and the length of the upper-level cell (30) of the respective pairs is set smaller than the length of the middle-level cell (25).

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