Title (en)
POCKETED SPRING COMFORT LAYER

Title (de)
TASCHENFEDERKOMFORTSCHICHT

Title (fr)
COUCHE DE CONFORT À RESSORTS ENSACHÉS

Publication
EP 3426100 B1 20200624 (EN)

Application
EP 17763764 A 20170302

Priority
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Abstract (en)
[origin: WO2017155766A1] A comfort layer (16, 16a, 50, 56, 56a, 56b, 132, 140) for a bedding or seating product (10) has slow-acting pockets (44, 44a, 84, 84a) characterized by the individual springs (28) of the comfort layer (16, 16a, 50, 56, 56a, 56b, 132, 140) being pocketed with either semi-impermeable or impermeable fabric. Each seam (30, 70) joining opposed plies (22, 23, 24, 25, 64, 65, 66, 67) of fabric around each of the coil springs (28) of the comfort layer (16, 16a, 50, 56, 56a, 56b, 132, 140) may be segmented, allowing air to flow between the segments (26, 68), thereby increasing the luxury "feel" of the comfort layer (16, 16a, 50, 56, 56a, 56b, 132, 140). The method of making the comfort layer (16, 16a, 50, 56, 56a, 56b, 132, 140) includes compressing the springs (28) and creating pockets (44, 44a, 84, 84a) with a welding horn (32, 32a, 72, 72a) and an anvil (42, 42a, 74, 74a).

IPC 8 full level
A47C 27/06 (2006.01); **B68G 9/00** (2006.01)

CPC (source: EP)
A47C 27/064 (2013.01); **B68G 9/00** (2013.01)

Citation (examination)
• US 2008246197 A1 20081009 - MOSSBECK NIELS S [US], et al
• US 8011046 B2 20110906 - STJERNA NILS ERIC [SE]
• WO 2006043862 A1 20060427 - STJERNFJAEDRAR AB [SE], et al
• CN 204273903 U 20150422 - HAN ZHAODE

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