

Title (en)

METHOD AND SYSTEM FOR FORMING STRINGS OF POCKETED COIL SPRINGS

Title (de)

VERFAHREN UND SYSTEM ZUM HERSTELLEN EINER KETTE VON TASCHENFEDERN

Title (fr)

PROCEDE ET SYSTEME PERMETTANT DE FORMER DES BANDES DE RESSORTS HELICOIDaux ENSACHES

Publication

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Application

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Abstract (en)

[origin: WO0063113A1] A string (12) of pocketed coil springs (14) is formed by inserting compressed springs between upper and lower plies of a folded, preferably thermally weldable fabric (16). The springs are maintained in a compressed configuration while a longitudinal seam (54) joins the free edges of the thermally welded fabric (16) together. Subsequently, the compressed springs (14) are allowed to relax into an expanded configuration after which a transverse seam (80) is formed in the fabric (16) between the adjacent springs (14) thereby encapsulating each spring (14) within a fabric pocket (86). The string (12) of pocketed coil springs (14) is advantageously formed without the need for reorienting the springs (14) after being inserted between the plies (24, 26) of the fabric (16) and thereby avoiding the disadvantages and complications associated with turning or reorienting the pocketed coil spring (14).

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