Title (en)

IMPROVEMENTS RELATED TO INNERSPRING ASSEMBLIES

Title (de)

VERBESSERUNGEN IM ZUSAMMENHANG MIT FEDERKERNANORDNUNGEN

Title (fr)

PERFECTIONNEMENTS APPORTÉS À DES ENSEMBLES À RESSORTS INTERNES

Publication

EP 3135630 B1 20180516 (EN)

Application

EP 16185360 A 20160823

Priority

GB 201515008 A 20150824

Abstract (en)

[origin: EP3135630A1] Apparatus for manufacturing pocketed coil springs having a retention mechanism for retaining first and second plies of material (25) relative to an operative axis of the apparatus, and providing relative movement between the plies of material (25) and an insertion mechanism (1a,1b), along the operative axis of the apparatus, between each actuation of the insertion mechanism (1a,1b). The insertion mechanism (1a,1b) has at least a first insertion member (15a) and a second insertion member (15b). Upon each actuation of the insertion mechanism (1a,1b), the first insertion member (15a) inserts a first coil spring (20a) between the plies of material (25) to a first location on a first side of the operative axis of the apparatus, and the second insertion member (1 b) inserts a second coil (20b) spring between the plies of material (25) to a second location on a second, opposite side of the operative axis of the apparatus, and at a different position on the operative axis of the apparatus relative to the first location. The first (20a) and second (20b) coil springs inserted by the first and second insertion members (15a,15b) are arranged diagonally between the plies of material (25) relative to the operative axis of the apparatus.

IPC 8 full level

B68G 9/00 (2006.01)

CPC (source: EP GB)

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