

Title (en)
The manufacture of spring units.

Title (de)
Herstellung von Federelementen.

Title (fr)
Fabrication des treillis à ressorts.

Publication
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Application
EP 87304933 A 19870603

Priority
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Abstract (en)
In a known method of making spring units for use in mattresses, etc., a plurality of spring bands (7, 8, 9) are disposed side by side and linked together by transverse helical wires (6A, 6B) to form a length of spring unit which is subsequently divided transversely to form individual units. Each spring band is made from a length of wire bent to form a row of coil springs (1), each of which is integrally connected to the next by a connector (2). Each connector has spaced end portions (3) extending transversely of the band and an intermediate portion (4) extending past the two springs it interconnects. The helical wires (6A, 6B) lie in main faces of the unit and embrace the end portions (3). In effecting division, a helical wire is omitted or removed from one main face, and the adjacent connectors in the other main face are severed. To enable the severed connectors to be attached to a peripheral frame (11; 116), the intermediate portions (4) to be severed are first to provide transversely extending central parts (109) which are shaped and severed to provide attachment portions (113) provided with stops (114) to prevent detachment from the frame.

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B21F 27/16

IPC 8 full level
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CPC (source: EP)
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Citation (search report)
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