

Title (en)
Spring element for using in a bed base

Title (de)
Federelement zum Einsatz in einem Unterbett

Title (fr)
Élément ressort pour utilisation dans un sommier

Publication
EP 1057433 B1 20040623 (DE)

Application
EP 00109575 A 20000505

Priority
DE 29909654 U 19990602

Abstract (en)
[origin: EP1057433A1] The new design of a bed base comprises several rows of spring elements (1). Each spring element (1) has a soft hemispherical shaped top (3), which is inserted into the opening of a carrying ring (2) from below. The lower rim of the spring element (9) is kept in place by a fixing ring (4), designed as a spring (4). Several recesses (6) and projections (8,10) engage with matching areas located at the openings of the bed base (17,18), when the spring element (1) is attached to the construction. The spring element (1) offers a flexible surface which yields in all directions, facilitating a comfortable feeling for the user.

IPC 1-7
A47C 23/00

IPC 8 full level
A47C 23/00 (2006.01)

CPC (source: EP)
A47C 23/002 (2013.01)

Cited by
EP1258217A3; US9629467B2

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EP 1057433 A1 20001206; EP 1057433 B1 20040623; AT E269654 T1 20040715; DE 29909654 U1 20000810; DE 50006869 D1 20040729

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