

Title (en)
Deformable undermattress with ergonomic shape

Title (de)
Verformbare Unteramatratze mit ergonomischem Profil

Title (fr)
Sommier déformable à profil ergonomique

Publication
EP 0774223 B1 20020717 (FR)

Application
EP 96402431 A 19961114

Priority
FR 9513463 A 19951114

Abstract (en)
[origin: EP0774223A1] The bed base has chest and leg-feet parts which can be raised to variable heights. It is constituted by a flexible assembly (3,4,14) which supports a mattress. The mattress, which extends the length of the bed, rests on the raisable parts (8,15,21,24) which hold the flexible assembly to the desired height with a continuous ergonomic profile. The flexible assembly is formed from two lateral flexible bands (3) between which extend rigid flexible laths engaged in ferrules (4) fixed from place to place on the bands. The bands rest on a rigid plinth (2). The raisable parts are constituted by profiled supports (8,15) whose upper surface is rounded. Pivoting arms (12,18) support under the lower face of these profiled supports and raise them above the plinth so that the flexible bands are applied on and fit their rounded profile.

IPC 1-7
A47C 31/12; **A47C 20/04**

IPC 8 full level
A47C 20/04 (2006.01); **A47C 31/12** (2006.01)

CPC (source: EP)
A47C 20/041 (2013.01); **A47C 31/123** (2013.01)

Cited by
EP1661495A1; NO339707B1; FR2824714A1; FR2780256A1; EP1281339A1; FR2828077A1; FR2878133A1; NO336253B1; US11812857B2; US11395549B2; EP1114597A1; FR2803500A1

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