Title (en)
   MATTRESS SUPPORT

Publication
   EP 0150873 A3 19850904 (DE)

Application
   EP 85200033 A 19850116

Priority
   NL 8400147 A 19840117

Abstract (en)
   [origin: EP0150873A2] 1. Mattress grid with a rectangular frame (1), with a number of laths arranged at a distance from one another in the
   transverse direction of the frame, and with metal leaf springs (3) fastened between the ends of the laths (2) and the longitudinal members of the
   frame, the ends of the laths (2) extending above the level of the frame (1), characterized in that the leaf springs (3) each have an essentially
   horizontal V-shaped profile, with an upper and a lower leg (3a and 3b) which converge in the direction of a connecting region (3c) located on the
   inside of the frame (1), in that the free length of each leg (3a, 3b) in the non-loaded state of a spring (3) is greater than the vertical distance between
   the locations of the legs (3a, 3b) at which they are fastened to the end of the lath (2) and to the frame (1), and in that the laths (2) are made resistant
   to bending, and as a result of the fastening of the upper legs (3a) of the springs (3) to the laths (2) a deformation under load is distributed via the
   springs and local bending deformations are prevented.

IPC 1-7
   A47C 23/06

IPC 8 full level
   A47C 23/06 (2006.01)

CPC (source: EP)
   A47C 23/063 (2013.01)

Citation (search report)
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   AU646271B2; EP1366693A2; EP0895739A2; WO0067618A1; WO9852442A1; WO9200030A1

Designated contracting state (EPC)
   BE CH DE FR GB LI NL

DOCDB simple family (publication)
   NL 8400147 A 19841101; DE 3562862 D1 19880630; DE 8500644 U1 19850711; EP 0150873 A2 19850807; EP 0150873 A3 19850904;
   EP 0150873 B1 19880525

DOCDB simple family (application)
   NL 8400147 A 19840117; DE 3562862 T 19850116; DE 8500644 U 19850111; EP 85200033 A 19850116