

Title (en)
Elastic structure for slat-type bed rests

Title (de)
Elastische Stütze für Lattenroste

Title (fr)
Support élastique pour sommiers à lattes

Publication
EP 0920824 A3 20000524 (EN)

Application
EP 98204076 A 19981202

Priority
IT MI972689 A 19971204

Abstract (en)
[origin: EP0920824A2] An elastic structure (10) for bed rests made of slats (20), elastic slates or ribs placed across a bed frame and connected to it by slat holding joints (30, 31). In order to enhance the bed rest's adaptability to the loads of a stretched-cut body, the bed frame's longitudinal girders (40) are equipped with structures made of an elastic material (10) composed of two curved elements (50, 60) opposed to each other; an upper element (50) is shaped so as to allow substantial flexing with respect to the frame girder (40), while a lower element (60) functions as a stabilizer and rigidity adjuster. <IMAGE>

IPC 1-7
A47C 23/06

IPC 8 full level
A47C 23/06 (2006.01)

CPC (source: EP)
A47C 23/064 (2013.01); **A47C 23/067** (2013.01)

Citation (search report)
• [XA] DE 29611876 U1 19970807 - FROLI KUNSTSTOFFE HEINRICH FRO [DE]
• [A] EP 0512569 A1 19921111 - ROESSLE & WANNER GMBH [DE]
• [A] FR 2689742 A1 19931015 - ONREV [FR]

Cited by
EP1714587A1; DE10143400A1; EP1790256A1; ES2285921A1; FR2848082A1; EP1281338A3; EP2666389A1; EP2526835B1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0920824 A2 19990609; EP 0920824 A3 20000524; EP 0920824 B1 20020925; AT E224660 T1 20021015; DE 69808226 D1 20021031; DE 69808226 T2 20030911; IT 1296919 B1 19990803; IT MI972689 A1 19990604

DOCDB simple family (application)
EP 98204076 A 19981202; AT 98204076 T 19981202; DE 69808226 T 19981202; IT MI972689 A 19971204