

Title (en)
Method of producing a spring insert.

Title (de)
Verfahren zum Herstellen eines Federeinsatzes.

Title (fr)
Procédé de fabrication d'un ressort inséré.

Publication
EP 0624545 A1 19941117 (EN)

Application
EP 93610032 A 19930519

Priority
DK 56893 A 19930514

Abstract (en)
The production of spring inserts (9) can be considerably improved by means of the method according to the invention, whereby use is made according to requirements of strings (15) with different resiliency and/or damping characteristics. This makes it possible, in one and the same plant, to produce spring inserts (9) which are built up of strings with different characteristics, whereby spring inserts (9) with improved characteristics can be produced. The joining of the strings (15) in the formation of the spring insert (9) is carried out using an adhesive (26) which is applied to one side of the string as this passes a nozzle (24). The rate of production can hereby be increased in relation to the known methods of adhesive application.
<IMAGE>

IPC 1-7
B68G 9/00; **A47C 27/06**

IPC 8 full level
A47C 27/06 (2006.01); **B68G 9/00** (2006.01)

CPC (source: EP)
A47C 27/064 (2013.01); **B68G 9/00** (2013.01); **B68G 2009/005** (2013.01)

Citation (search report)

- [X] EP 0089789 A1 19830928 - PERMAFLEX SPA [IT]
- [A] EP 0421495 A1 19910410 - B LINEA [BE]
- [DA] EP 0154076 B1 19900418
- [DA] EP 0155158 A2 19850918 - SIMMONS USA CORP [US]

Cited by
ITRN20130026A1; DE19529911A1; US2024228261A1; US12054381B2; AU758723B2; CN103502137A; US2013247518A1; US10167186B2; US2019144261A1; US10961112B2; US8800338B2; WO2020229036A1; WO9737569A1; WO0055088A1; WO2007031774A1; WO02092495A1; US6718726B1; WO0244076A2; GR20000100419A; WO9627553A1; WO2014207634A1; EP2524895A1; WO2012159717A1; US9327933B2; US11109686B2; WO2019241204A1

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

DOCDB simple family (publication)
EP 0624545 A1 19941117; **EP 0624545 B1 19970917**; AT E158263 T1 19971015; DE 69314010 D1 19971023; DE 69314010 T2 19980416; DK 0624545 T3 19980309; DK 56893 D0 19930514

DOCDB simple family (application)
EP 93610032 A 19930519; AT 93610032 T 19930519; DE 69314010 T 19930519; DK 56893 A 19930514; DK 93610032 T 19930519