

Title (en)

CLIP ASSEMBLY FOR USE HOLDING SINUOUS SPRINGS

Title (de)

KLAMMERANORDNUNG ZUM HALTEN VON SINUSFÖRMIGEN FEDERN

Title (fr)

ENSEMBLE ATTACHES DESTINÉ À ÊTRE UTILISÉ EN VUE DU MAINTIEN DE RESSORTS SINUEUX

Publication

**EP 3200657 A4 20180815 (EN)**

Application

**EP 15846513 A 20150923**

Priority

- US 201414501696 A 20140930
- US 201514628579 A 20150223
- US 2015051635 W 20150923

Abstract (en)

[origin: WO2016053709A1] A piece of furniture (10f,10g, 10h) includes a rectangular frame (12, 12b) for supporting a plurality of sinuous springs (20). A plurality of clip assemblies (18f, 18g, 18h) are secured to opposed side walls ( 14) of frame (12, 12b). Each clip assembly (18f, 18g, 18h) comprises a metallic piece (24f, 24g, 24h) having a generally planar portion (44f, 44g, 44h) and tacks (42f, 42g, 42h) for insertion into the frame (12, 12b). The generally planar portion (44f, 44g, 44h) of the metallic piece (24f, 24g, 24h) is encased by plastic of a non-metallic piece (22f, 22g, 22h) having a hook (26f, 26g, 26h) to secure one end of a sinuous wire (20). Flexible connectors (38) may be located in grooves (36f, 36h) of the clip assembly (18f, 18h) to collate multiple clip assemblies (18f, 18h).

IPC 8 full level

**A47C 31/00** (2006.01); **A47C 31/04** (2006.01); **A47C 31/06** (2006.01)

CPC (source: EP)

**A47C 7/30** (2013.01); **A47C 23/16** (2013.01); **A47C 31/06** (2013.01)

Citation (search report)

- [X] US 2014096346 A1 20140410 - CONWAY LAWRENCE J [US], et al
- [A] US 6126126 A 20001003 - MCKIERNAN JR ROBERT D [US]
- [A] US 5542775 A 19960806 - BECHTOLDT WAYNE [US], et al
- [A] DE 20011450 U1 20001130 - MARTINA MAYER GMBH [DE]
- See references of WO 2016053709A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**WO 2016053709 A1 20160407**; BR 112017000561 A2 20180123; CN 107072408 A 20170818; EP 3200657 A1 20170809; EP 3200657 A4 20180815; MX 2017000765 A 20170508

DOCDB simple family (application)

**US 2015051635 W 20150923**; BR 112017000561 A 20150923; CN 201580050812 A 20150923; EP 15846513 A 20150923; MX 2017000765 A 20150923