

Title (en)
BODY SUPPORT MODIFIED WITH VISCOUS GEL AND METHOD OF MANUFACTURING A BODY SUPPORT USING THE SAME

Title (de)
DURCH EIN VISKÖSES GEL MODIFIZIERTE KÖRPERSTÜTZE UND VERFAHREN ZUR HERSTELLUNG EINER KÖRPERSTÜTZE DAMIT

Title (fr)
SOUTIEN CORPOREL MODIFIÉ AVEC DU GEL VISQUEUX ET PROCÉDÉ DE FABRICATION D'UN SOUTIEN CORPOREL AU MOYEN DE CELUI-CI

Publication
EP 2741636 A2 20140618 (EN)

Application
EP 12832003 A 20120917

Priority
• US 201161535045 P 20110915
• US 2012055730 W 20120917

Abstract (en)
[origin: WO2013040543A2] A body support cushion, such as a mattress, mattress topper or overlay, or pillow, is comprised of a layer of flexible foam and further has a volume of gelatinous material, e.g., elastomer gel, applied to a surface thereof. The gelatinous material alters a physical property, such as firmness or feel, of the layer of flexible foam. The gelatinous material can be applied in a number of ways including, but not limited to a spray application whereupon the spray force can be used to control how much gelatinous material penetrates into the layer of foam. The foam layer may be comprised of reticulated or non-reticulated foam. The foam layer may also be comprised of viscoelastic or non-viscoelastic foam.

IPC 8 full level
A47C 27/15 (2006.01); **A47C 27/08** (2006.01)

CPC (source: EP US)
A47C 27/085 (2013.01 - EP US); **A47C 27/15** (2013.01 - EP US)

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 2013040543 A2 20130321; WO 2013040543 A3 20130510; CA 2848770 A1 20130321; CN 104135897 A 20141105;
EP 2741636 A2 20140618; EP 2741636 A4 20150311; HK 1199802 A1 20150724; JP 2014526346 A 20141006; US 2015040327 A1 20150212

DOCDB simple family (application)
US 2012055730 W 20120917; CA 2848770 A 20120917; CN 201280045009 A 20120917; EP 12832003 A 20120917; HK 15100205 A 20150108;
JP 2014530923 A 20120917; US 201214344071 A 20120917