

Title (en)

SYSTEM AND METHOD OF FORMING VARIABLE DENSITY SEATING MATERIALS

Title (de)

SYSTEM UND VERFAHREN ZUR FORMUNG VON SITZMATERIALIEN VON VARIABLER DICHT

Title (fr)

SYSTÈME ET PROCÉDÉ POUR FORMER DES MATÉRIAUX DE SIÈGE À DENSITÉ VARIABLE

Publication

EP 2593293 A1 20130522 (EN)

Application

EP 11807439 A 20110713

Priority

- US 36382010 P 20100713
- US 2011043825 W 20110713

Abstract (en)

[origin: WO2012009417A1] A system and method of forming seating materials having variable density gradient for high hardness ratio of high-to-low deflection, and more specifically to forming foam materials for vehicle seats having variable density gradient that allow greater comfort across a wider range of occupant weights, and the use of single foam formulations across a wide range of types of vehicle seats having significantly different desired performance characteristics.

IPC 8 full level

B29C 67/00 (2006.01); **B60N 2/90** (2018.01)

CPC (source: EP KR US)

A47C 7/021 (2013.01 - EP US); **B29C 35/02** (2013.01 - KR); **B29C 44/0446** (2013.01 - EP US); **B29C 67/00** (2013.01 - KR)

Cited by

JP2009098338A

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 2012009417 A1 20120119; CA 2804637 A1 20120119; CA 2804637 C 20160621; CN 102985248 A 20130320; CN 102985248 B 20170215; EP 2593293 A1 20130522; EP 2593293 A4 20170816; JP 2013537491 A 20131003; JP 5868400 B2 20160224; KR 101450027 B1 20141013; KR 20130029443 A 20130322; US 2013125313 A1 20130523

DOCDB simple family (application)

US 2011043825 W 20110713; CA 2804637 A 20110713; CN 201180034315 A 20110713; EP 11807439 A 20110713; JP 2013519789 A 20110713; KR 20137003567 A 20110713; US 201113806664 A 20110713