

Title (en)
Cushion body

Title (de)
Kissenkörper

Title (fr)
Corps de coussin

Publication
EP 1683447 A1 20060726 (EN)

Application
EP 06075082 A 20060112

Priority
• JP 2005013556 A 20050121
• JP 2005216058 A 20050726

Abstract (en)
A cushion body (10, 210, 310,410,510) includes a main body (20, 220, 320,420,520) made of elastic foam and having at opposite sides thereof first and second surfaces between which a thickness is defined, the main body being formed with a plurality of holes (22, 222, 322,422,522) in a direction of the thickness, and a plurality of columnar elastic members (30, 230, 330,430,530) positioned in the plural holes, respectively, the plural columnar elastic members being different from the main body in elasticity. The cushion body further includes a first surface member (50,250, 350,450,550) made of elastic foam similar to the elastic foam of the main body, the first surface member being connected to or integral with the first surface of the main body, and a second surface member (60, 260, 360,460,560) made of elastic foam similar to the elastic foam of the main body, the second surface member being connected to or integral with the second surface of the main body.

IPC 8 full level
A47C 27/14 (2006.01)

CPC (source: EP US)
A47C 27/15 (2013.01 - EP US); **A47C 27/20** (2013.01 - EP US)

Citation (applicant)
JP 2003339484 A 20031202 - AISIN SEIKI

Citation (search report)
• [Y] US 5749111 A 19980512 - PEARCE TONY M [US]
• [Y] US 6159574 A 20001212 - LANDVIK DAG [SE], et al
• [A] EP 0025031 B
• [A] US 5474362 A 19951212 - ALBECKER III WALTER J [US]
• [A] GB 1270302 A 19720412 - TOSCANA GOMMA S P A [IT]
• [A] GB 928680 A 19630612 - BRUCE GARDNER HOOD, et al
• [Y] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 07 29 September 2000 (2000-09-29)

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 1683447 A1 20060726; EP 1683447 B1 20080326; DE 602006000763 D1 20080508; DE 602006000763 T2 20090409;
JP 2006223832 A 20060831; US 2006162082 A1 20060727

DOCDB simple family (application)
EP 06075082 A 20060112; DE 602006000763 T 20060112; JP 2005216058 A 20050726; US 33436106 A 20060119