

Title (en)
HINGE DEVICE PROVIDED WITH A TWO-PIECE COMPOUND

Title (de)
GELENKVORRICHTUNG MIT ZWEITEILIGEM MASSENKÖRPER

Title (fr)
DISPOSITIF D'ARTICULATION A MASSE BIPARTITE

Publication
EP 1618315 A1 20060125 (FR)

Application
EP 03740669 A 20030425

Priority
FR 0301313 W 20030425

Abstract (en)
[origin: WO2004097245A1] The invention relates to an elastic hinge device for hinging two elements with respect to each other comprising an external tubular reinforcement (1) insertable into a first element, a central tubular core (2) connectable to a second element and coaxially arrangeable inside said reinforcement (1) and a mass of elastic material (M) linking said external reinforcement (1) and central core (2) to each other. According to said invention, said mass is embodied in a two-piece form and consists of two coaxial sleeves (3, 4), one thereof (3, 4) being made of an elastomer material and the second of a foamed and moulded polyurethane.

IPC 1-7
F16F 1/38

IPC 8 full level
F16F 1/38 (2006.01); **F16F 3/093** (2006.01)

CPC (source: EP)
F16F 1/3835 (2013.01); **F16F 3/093** (2013.01); **F16F 2224/005** (2013.01)

Citation (search report)
See references of WO 2004097245A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2004097245 A1 20041111; AU 2003304063 A1 20041123; AU 2003304063 A8 20041123; EP 1618315 A1 20060125

DOCDB simple family (application)
FR 0301313 W 20030425; AU 2003304063 A 20030425; EP 03740669 A 20030425