

Title (en)

ACTUATOR FOR PARTS OF PIECES OF FURNITURE, COMPRISING AT LEAST ONE DISCONNECTABLE SHAPE MEMORY ELEMENT

Title (de)

BETÄTIGUNGSVORRICHTUNG FÜR MÖBELSTÜCKTEILE MIT MINDESTENS EINEM ABKUPPELBAREN FORMGEDÄCHTNISELEMENT

Title (fr)

DISPOSITIF D'ACTIONNEMENT POUR PARTIES DE MEUBLE COMPRENANT AU MOINS UN ÉLÉMENT À MÉMOIRE DE FORME DÉCOUPLABLE

Publication

EP 2309893 A1 20110420 (DE)

Application

EP 09772014 A 20090702

Priority

- DE 2009000927 W 20090702
- DE 102008030933 A 20080702

Abstract (en)

[origin: WO201000244A1] The invention relates to an actuator that moves a movable part of a piece of furniture relative to a stationary part of the piece of furniture into an open or a closed position by means of a driving device comprising a shape memory element. The driving device is attached to one part of the piece of furniture and rests against the other part of the piece of furniture via a coupling element. The driving device comprises a shortening shape memory element as a driving element, said shape memory element being arranged between the coupling element and a mounting point that is stationary relative to the driving device. The driving device of the actuator according to the invention has at least one shape memory element as a drive unit, each shape memory element being protected against excessive stress caused by malfunctions.

IPC 8 full level

A47B 88/04 (2006.01)

CPC (source: EP US)

A47B 88/457 (2016.12 - EP US); **A47B 88/463** (2016.12 - EP US)

Citation (search report)

See references of WO 201000244A1

Designated contracting state (EPC)

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 SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

DE 102008030933 A1 20100107; EP 2309893 A1 20110420; JP 2011526164 A 20111006; US 2011138801 A1 20110616; WO 201000244 A1 20100107

DOCDB simple family (application)

DE 102008030933 A 20080702; DE 2009000927 W 20090702; EP 09772014 A 20090702; JP 2011515101 A 20090702; US 93032111 A 20110103