

Title (en)

Movable vertical displacement device

Title (de)

Bewegliche vertikale Verstellvorrichtung

Title (fr)

Dispositif de déplacement vertical mobile

Publication

EP 2070435 A1 20090617 (EN)

Application

EP 08020181 A 20081119

Priority

HK 07112678 A 20071121

Abstract (en)

Disclosed herein is a movable vertical displacement device (100) used in multi-directional positioning synchronous-response for cover-activated vertical transfer action. The device comprises: a chassis frame (1) for supporting a main body (2), a vertical displacement mechanism (3) attached to said chassis frame which is also capable of rendering vertical transfer of said chassis frame, and a backing base (5) attached to said vertical displacement mechanism. Implementation of this movable vertical displacement device enables the same piece of jewelry to be displayed by the wearer in two or more distinct styles, thereby allowing more choice, adding new ornamental dimension to the jewelry for the wearer, and making possible omni-directional synchronous preset-response vertical transfer action.

IPC 8 full level

A44C 9/00 (2006.01); **A44C 17/02** (2006.01); **G04B 47/04** (2006.01)

CPC (source: EP US)

A44C 9/00 (2013.01 - EP US); **A44C 17/0241** (2013.01 - EP US); **A44C 17/0266** (2013.01 - EP US)

Citation (applicant)

WO 2007112678 A1 20071011 - HUAWEI TECH CO LTD [CN], et al

Citation (search report)

- [X] GB 790517 A 19580212 - LEO GRUNBERG
- [X] US 2003192345 A1 20031016 - BRASSEM JAN W [US], et al
- [X] WO 9633633 A1 19961031 - HURON DIDIER [FR], et al

Cited by

US10117483B2

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 MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 2070435 A1 20090617; HK 1107631 A2 20080411; US 2009133439 A1 20090528

DOCDB simple family (application)

EP 08020181 A 20081119; HK 07112678 A 20071121; US 27519808 A 20081120