

Title (en)

HINGE HAVING DAMPING EFFECT, AND APPARATUS HAVING SAID HINGE

Title (de)

SCHARNIER MIT DÄMPFUNGSWIRKUNG UND VORRICHTUNG MIT DIESEM SCHARNIER

Title (fr)

CHARNIÈRE PRÉSENTANT UN EFFET D'AMORTISSEMENT ET APPAREIL COMPRENANT LADITE CHARNIÈRE

Publication

EP 3255234 A4 20181121 (EN)

Application

EP 15880827 A 20150428

Priority

- CN 201510064634 A 20150206
- CN 2015077725 W 20150428

Abstract (en)

[origin: EP3255234A1] Provided is a hinge having a damping effect, comprising a first assembly (12), a second assembly (14), a main spring (16), a connector (18), a damper assembly (20), and a connecting assembly (22); the second assembly (14) is pivotally connected to the first assembly (12), the second assembly (14) is fixedly connected to a main body, and the main spring (16) is connected to the connector (18) arranged inside the first assembly (12), and to the first assembly (12). The connector (18) connects the main spring (16) to the second assembly (14).

IPC 8 full level

E05F 3/20 (2006.01); **E05F 1/12** (2006.01)

CPC (source: CN EP RU)

E05F 1/12 (2013.01 - RU); **E05F 1/1276** (2013.01 - EP); **E05F 3/20** (2013.01 - CN RU); **E05F 5/02** (2013.01 - EP); **E05Y 2201/256** (2013.01 - EP); **E05Y 2201/264** (2013.01 - EP); **E05Y 2800/22** (2013.01 - EP); **E05Y 2900/304** (2013.01 - EP); **E05Y 2900/308** (2013.01 - CN EP); **E05Y 2900/312** (2013.01 - EP)

Citation (search report)

- [I] CN 204126434 U 20150128 - HU GUOHENG
- [XPI] CN 204152354 U 20150211 - GUANGDONG SACA PREC MFG CO LTD
- [A] EP 2664737 A2 20131120 - ATASAN METAL SANAYI VE TICARET LTD SIRKETI [TR]
- See also references of WO 2016123872A1

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)

EP 3255234 A1 20171213; EP 3255234 A4 20181121; EP 3255234 B1 20230705; CN 104563700 A 20150429; CN 104563700 B 20161102; RU 2656843 C1 20180606; WO 2016123872 A1 20160811

DOCDB simple family (application)

EP 15880827 A 20150428; CN 2015077725 W 20150428; CN 201510064634 A 20150206; RU 2017131208 A 20150428