

Title (en)
MULTI-LINK HINGE WITH DAMPING

Title (de)
MEHRGELENKSCHARNIER MIT DÄMPFUNG

Title (fr)
CHARNIÈRE À ARTICULATIONS MULTIPLES POURVU D'UN SYSTÈME D'AMORTISSEMENT

Publication
EP 2951375 B1 20220824 (DE)

Application
EP 14701792 A 20140131

Priority
• DE 102013101040 A 20130201
• EP 2014051899 W 20140131

Abstract (en)
[origin: CA2898790A1] The invention relates to a multi-link hinge (1) for furniture, with a fastening element (2) which can be secured indirectly or directly to a furniture body and is connected to a pivotable door bearing (4) via a plurality of link levers (5a-5d) connected to one another in a scissors-like manner, wherein a linear damper (6) which damps both a closing movement and an opening movement of the door bearing (4) is provided. The multi-link hinge (1) is distinguished in that the linear damper (6) is ineffective in a central portion of the pivoting range of the door bearing (4).

IPC 8 full level
E05F 5/00 (2017.01); **E05D 3/16** (2006.01); **E05F 1/14** (2006.01)

CPC (source: EP US)
E05D 3/06 (2013.01 - US); **E05D 3/16** (2013.01 - EP US); **E05F 5/006** (2013.01 - EP US); **E05F 5/10** (2013.01 - US);
E05F 1/14 (2013.01 - EP US); **E05Y 2201/412** (2013.01 - EP US); **E05Y 2201/424** (2013.01 - EP US); **E05Y 2800/73** (2013.01 - EP US);
E05Y 2900/20 (2013.01 - EP US)

Citation (examination)
DE 202005016375 U1 20051222 - HETTICH HETAL WERKE [DE]

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)
DE 102013101040 A1 20140807; AU 2014211378 A1 20150820; AU 2014211378 B2 20180201; BR 112015018109 A2 20170718;
CA 2898790 A1 20140807; CA 2898790 C 20210126; CN 105008646 A 20151028; CN 105008646 B 20180824; EP 2951375 A1 20151209;
EP 2951375 B1 20220824; JP 2016509142 A 20160324; JP 6412885 B2 20181024; KR 102142743 B1 20200807; KR 20150111949 A 20151006;
RU 2015134072 A 20170313; RU 2640710 C2 20180111; US 2015361709 A1 20151217; US 9739081 B2 20170822;
WO 2014118320 A1 20140807

DOCDB simple family (application)
DE 102013101040 A 20130201; AU 2014211378 A 20140131; BR 112015018109 A 20140131; CA 2898790 A 20140131;
CN 201480006700 A 20140131; EP 14701792 A 20140131; EP 2014051899 W 20140131; JP 2015555717 A 20140131;
KR 20157021629 A 20140131; RU 2015134072 A 20140131; US 201414764417 A 20140131