

Title (en)

Multi-link hinge

Title (de)

Mehrfachverbindungsscharnier

Title (fr)

Charnière à bras multiples

Publication

EP 2886762 A1 20150624 (EN)

Application

EP 13198942 A 20131220

Priority

EP 13198942 A 20131220

Abstract (en)

A multi-link hinge, for the articulation of a door of a kitchen appliance, preferably for a laterally opening door, comprising - a first mounting part and a second mounting part, - at least two hinge links, preferably a first hinge link and a second hinge link, for connecting the first mounting part to the second mounting part, and wherein the first hinge link is connected to the first mounting part pivotable about a first axis, wherein the first hinge link is connected to the second mounting part pivotable about a second axis, wherein the second hinge link is connected to the first mounting part pivotable about a third axis, wherein the second hinge link is connected to the second mounting part pivotable about a fourth axis, and wherein the first hinge link comprises an opening, and, preferably, wherein in a maximum opening position the third axis is in or moved through the opening of the first hinge link.

IPC 8 full level

E05D 3/14 (2006.01)

CPC (source: EP)

E05D 3/14 (2013.01); **E05D 11/06** (2013.01); **E05Y 2800/342** (2013.01); **E05Y 2800/344** (2013.01); **E05Y 2900/30** (2013.01); **E05Y 2900/306** (2013.01); **E05Y 2900/308** (2013.01); **E05Y 2900/31** (2013.01)

Citation (applicant)

- DE 3120065 A1 19821223 - HETTICH HETAL WERKE [DE]
- US 4236272 A 19801202 - GRONBACH WILHELM, et al

Citation (search report)

- [XII] EP 2336467 A1 20110622 - WHIRLPOOL EUROP S R L [IT], et al
- [XYI] DE 112011100055 T5 20121129 - HISENSE RONSHEN GUANDONG REFRIGERATOR CO [CN]
- [Y] EP 2246509 A1 20101103 - HAWA AG [CH]

Cited by

CN114837508A; DE102016205038A1; WO2020190417A1; EP2960412A1; WO2015197209A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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