

Title (en)

Improved hinge for wings or doors

Title (de)

Verbessertes Scharnier für Flügel oder Türen

Title (fr)

Charnière améliorée pour ailes ou portes

Publication

EP 2284344 A3 20130703 (EN)

Application

EP 10167879 A 20100630

Priority

IT BO20090059 U 20090730

Abstract (en)

[origin: EP2284344A2] The hinge for wings or doors, in particular for electrical household appliances, comprises a first box-shaped body (5), a second box-shaped body (6), a connecting element (7) between the box-shaped bodies (5, 6) and a damping cylinder (16) for applying a damping effect on the second box-shaped body (6) as the latter moves towards the first body (5).

IPC 8 full level

E05F 1/12 (2006.01); **E05F 1/10** (2006.01); **E05F 5/02** (2006.01)

CPC (source: EP)

E05F 1/1058 (2013.01); **E05F 1/1261** (2013.01); **E05F 5/02** (2013.01); **E05Y 2201/474** (2013.01); **E05Y 2900/308** (2013.01)

Citation (search report)

- [XAI] DE 202007012603 U1 20090122 - HETTICH ONI GMBH & CO KG [DE]
- [A] EP 1995524 A2 20081126 - NUOVA STAR SPA [IT]
- [A] DE 102007032758 A1 20090115 - BSH BOSCH SIEMENS HAUSGERAETE [DE]

Cited by

US10451291B2; WO2022171547A1; CN112621610A; IT202100002864A1; US10041685B2; US10641027B2; EP2952664A1; WO2013133774A1; EP3688261A4; EP2562341A2; US9121211B1; US10053902B1; US10082298B2; US10890334B2; US11543135B2; WO2019066332A1; EP2912984B1

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 SE SI SK SM TR

Designated extension state (EPC)

BA ME RS

DOCDB simple family (publication)

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DOCDB simple family (application)

EP 10167879 A 20100630; IT BO20090059 U 20090730