

Title (en)
HINGE FOR DOORS OF DOMESTIC APPLIANCES

Title (de)
SCHARNIER FÜR TÜREN VON HAUSHALTSGERÄTEN

Title (fr)
CHARNIÈRE POUR PORTES D'APPAREILS MÉNAGERS

Publication
EP 2977537 A1 20160127 (EN)

Application
EP 15177469 A 20150720

Priority
IT BO20140417 A 20140722

Abstract (en)
Described is a hinge for doors of domestic appliances, comprising a box-shaped element (6) and a first lever (5) pivoted to the box-shaped element (6) by means of a pin (7); one of either the box-shaped element (6) or the first lever (5) being fixable to a frame and the other being fixable to a door, to make the door tiltably movable relative to the frame between a closed position and an open position; elastic means (8, 14) supported by the box-shaped element (6) and designed to apply an elastic action on the first lever (5), a damper unit (17) for applying a damping action during the reciprocal motion of the first lever (5) and the box-shaped element (6), in the proximity of the above-mentioned closed position, means (30) for operating the damper element (17).

IPC 8 full level
E05F 1/12 (2006.01); **E05F 5/02** (2006.01); **E05F 5/10** (2006.01)

CPC (source: EP)
E05F 1/1261 (2013.01); **E05F 5/02** (2013.01); **E05F 5/10** (2013.01); **E05Y 2201/624** (2013.01); **E05Y 2201/626** (2013.01); **E05Y 2201/638** (2013.01); **E05Y 2800/22** (2013.01); **E05Y 2900/308** (2013.01)

Citation (search report)
• [XAI] WO 2012168748 A1 20121213 - FARINGOSI HINGES SRL [IT], et al
• [XAI] EP 2362044 A2 20110831 - BSH BOSCH SIEMENS HAUSGERÄTE [DE]
• [XAI] DE 202007012603 U1 20090122 - HETTICH ONI GMBH & CO KG [DE]
• [A] WO 2013185349 A1 20131219 - XIAO YOUSONG [CN]

Cited by
US10451291B2; CN107587806A; EP3293332A1; IT201600091383A1; US2018216832A1; US10082298B2; US9995075B2; US10890334B2; US11543135B2; WO2023085529A1

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