

Title (en)
HINGE FOR DOORS OF ELECTRICAL HOUSEHOLD APPLIANCES

Title (de)
SCHARNIER FÜR EINE TÜR EINES HAUSHALTSGERÄTES

Title (fr)
CHARNIÈRE POUR PORTE D'APPAREIL MÉNAGER

Publication
EP 3073038 A1 20160928 (EN)

Application
EP 16161661 A 20160322

Priority
IT BO20150147 A 20150326

Abstract (en)
Described is a hinge for doors of electrical household appliances, comprising a box-shaped element (3) and a first lever (2) pivoted on the box-shaped element (3) by means of a first pin (4); one of either the box-shaped element (3) or the first lever (2) 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 (14) supported by the box-shaped element (3) and designed to apply an elastic action on the first lever (2), a damping member (15) for applying a damping action during the reciprocal motion of the first lever (2) and the box-shaped element (3), in proximity of reaching the above-mentioned closed position, means (29) for actuating the damping member (15).

IPC 8 full level
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Citation (search report)
• [A] DE 102011081917 A1 20130228 - BSH BOSCH SIEMENS HAUSGERAETE [DE]
• [A] EP 1847670 A2 20071024 - NUOVA STAR SPA [IT]

Cited by
WO2020234198A1; IT201900015246A1; US11421466B2; CN107355160A; US11111712B2; IT202000021550A1; CN107587806A; IT201900006985A1; WO2018121720A1; EP3199735B1

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