

Title (en)
HINGE AND ELECTRICAL DEVICE

Title (de)
SCHARNIER UND ELEKTRISCHE VORRICHTUNG

Title (fr)
CHARNIÈRE ET DISPOSITIF ÉLECTRIQUE

Publication
EP 4242404 A1 20230913 (EN)

Application
EP 22187942 A 20220729

Priority
• CN 202220523534 U 20220309
• CN 202210236070 A 20220309

Abstract (en)
Disclosed are a hinge and an electrical device. The hinge includes a rotating shaft; a hinge arm provided on the rotating shaft and being rotatable relative to the main body, the hinge arm being connected the door body to the main body; a drive arm rotatably connected to the hinge arm; a mounting member, a first guide mechanism being provided between the mounting member and the drive arm; and a moving member connected to the panel and being movable relative to the door body, a second guide mechanism being provided between the moving member and the drive arm. The first guide mechanism and the second guide mechanism guide the drive arm to drive the panel to move relative to the door body in response to the door body being rotated.

IPC 8 full level
E05D 3/02 (2006.01); **E05D 3/18** (2006.01)

CPC (source: EP)
E05D 3/02 (2013.01); **E05D 3/18** (2013.01); **E05D 5/06** (2013.01); **E05Y 2800/10** (2013.01); **E05Y 2900/302** (2013.01)

Citation (search report)
• [XII] US 10244920 B2 20190402 - VANINI MARCO [IT]
• [XAI] EP 3108791 A1 20161228 - INDESIT CO SPA [IT]

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

Designated validation state (EPC)
KH MA MD TN

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