

Title (en)

HINGE DEVICE WITH A TRANSLATION COATING PANEL

Title (de)

SCHARNIERVORRICHTUNG MIT EINER TRANSLATIONSBESCHICHTUNGSPLATTE

Title (fr)

DISPOSITIF DE CHARNIÈRE AYANT UN PANNEAU DE REVÊTEMENT À TRANSLATION

Publication

EP 3014039 A1 20160504 (EN)

Application

EP 14730876 A 20140613

Priority

- IT BO20130321 A 20130624
- EP 2014062481 W 20140613

Abstract (en)

[origin: WO2014206778A1] A hinge device for a door of appliances and furniture in general, provides the translation of a panel (3) of door coating. Said device is provided with first (4) and second (5) connection members mutually pivoted by means of a pivot pin (6) and assigned to be fixed respectively to the door and to a structure or frame of the appliance or furniture for the rotation of the door and the panel between the extreme closing (C) and opening (A). Said device (1) comprises a toothed wheel means (20) fixed to the second connecting member (5) and it comprises a rack means (22) constrained to slide along the first connecting member (4) in a sliding direction (D) perpendicular to the axis of the pivot pin (6) and parallel to the geometric plane of the panel (3) to which is fixable via a respective attachment (23) where the toothed wheel means (20) is cinematically interconnected to the rack means (22). The rotation of the door and the second connecting member (5) with respect to the first connecting member (4) between the extreme closing (C) and opening (A) conditions causes the rotation of the toothed wheel means (20) and the consequent translation of the rack means (22) and of the panel (3).

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2014206778A1

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Designated extension state (EPC)

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