

Title (en)
Sliding hinge for a domestic appliance

Title (de)
Gleitscharnier für Haushaltsgerät

Title (fr)
Charnière coulissante pour un appareil domestique

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Application
EP 10008071 A 20100803

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Abstract (en)
A hinge (235;535;635;735) is proposed for use in a domestic appliance (100) to rotationally connect a door (125,130) of the appliance to a body (105) of the appliance, wherein a decorative front panel (140) can be mounted in front of the door and arranged slidably in an essentially orthogonal direction relative to a rotation axis (242) of the door with respect to the body, the hinge including a support bracket (240) for connection to the body, a rotating bracket (241) for connection to the door, the rotating bracket being rotationally connected to the support bracket, and a driving mechanism (245-249;545-551;645-646,665,261-263;750,751,785,786,787,788) arranged to interact both with the support bracket and the rotating bracket to be operated when the rotating bracket is rotating. In the solution according to an embodiment of the invention, the rotating bracket includes an elongated guide structure (270) extending essentially orthogonally to the rotation axis of the door and a sliding block (271-274;271-274;671-674;771-778) for connection to the decorative front panel, the sliding block being slidably guided along the elongated guide structure, wherein the sliding block cooperates with the driving mechanism to achieve a sliding of the sliding block along the elongated guide structure and a corresponding sliding of the decorative front panel with respect to the door during the rotation of the rotating bracket.

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Citation (applicant)
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• EP 1894509 A1 20080305 - BONFERRARO SPA [IT]
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