

Title (en)

EFFORT-SAVING ADJUSTABLE MECHANISM FOR UPTURNING AND SUPPORTING OF FURNITURE

Title (de)

VERSTELLBARER KRAFTSPARENDER MECHANISMUS ZUR UNTERSTÜTZUNG DES AUFKLAPPENS VON MÖBELN

Title (fr)

MÉCANISME RÉGLABLE À ÉCONOMIE D'EFFORT POUR LE RETOURNEMENT ET LE SUPPORT DE MEUBLES

Publication

EP 3763906 A1 20210113 (EN)

Application

EP 19786436 A 20191014

Priority

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Abstract (en)

The present invention relates to household articles, and more particularly to an adjustable effort-saving mechanism for furniture flip-up support. The adjustable effort-saving mechanism comprises a base (1), a fixing member (2), a first link (3), a connecting assembly (4), and an elastic assembly (5). One end of the first link (3) is hinged to one end of the fixing member (2), and another end of the first link (3) is hinged to one end of the connecting assembly (4). Another end of the connecting assembly (4) is hinged to the base (1). One end of the elastic assembly (5) is hinged to the base (1), and another end of the elastic assembly (5) is hinged to the connecting assembly (4). The elastic assembly (5) provides the user with assistance in opening and closing the furniture, thereby enabling the user to open and close the furniture in an effort-saving manner.

IPC 8 full level

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CPC (source: CN EP)

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