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**(54) Title (EN):** CONCEALED SLIDING AND SUPPORTING MECHANISM FOR EXTENDABLE FURNITURE

**(54) Title (FR):** MÉCANISME CACHÉ DE COULISSEMENT ET D'APPUI POUR MEUBLES EXTENSIBLES

**(54) Title (ES):** MECANISMO OCULTO DE DESLIZAMIENTO Y APOYO PARA MUEBLES EXTENSIBLES

**(57) Abstract:**

**(EN):** The invention relates to a mechanism designed for implementation in extendable furniture, the structure thereof being raised with respect to the floor to facilitate cleaning under the piece of furniture. For this purpose, at least two vertical tubes (10) extend from the bottom of a front crossbar (9) of a movable frame (1) on which the cushioned surface of the piece of furniture is disposed. When the item of furniture is assembled, the vertical tubes, into which respective rolling feet (11) can be inserted, are concealed by decorative elements (12). The feet have an initial vertical section (13), for fitting into the corresponding vertical tube (10), which has a backward bend at its bottom end, determining an intermediate section (14) that has a downward bend (15) at its rear end, terminating in corresponding wheels (17), such that during use, the wheels are set back and concealed with respect to the elevated front of the structure.

**(FR):** L'invention concerne un mécanisme conçu pour être implanté dans des meubles extensibles, dont la structure reste surélevée par rapport au sol pour faciliter le nettoyage sous le meuble. Pour ce faire, il est prévu que de la traverse antérieure (9) du châssis mobile (1) sur lequel se trouve la surface rembourrée du meuble ressortent au moins deux tubes verticaux (10) sur le plan inférieur lesquels tubes, lors du montage du meuble, restent cachés par des éléments embellissants (12), dans lesquels sont emboîtés des pieds respectifs roulants (11). Lesdits pieds présentent une section initiale verticale (13) destinée à loger le tube vertical correspondant (10) qui présente un coude dans la direction arrière de son extrémité inférieure, déterminant une section intermédiaire (14) qui à son extrémité arrière présente un coude (15), dans la direction descendante, pour s'achever dans les roues correspondantes (17), de manière que, lors de l'utilisation, lesdites roues restent rétractées et cachées par rapport au front élevé de la structure.

**(ES):** El mecanismo está diseñado para su implantación en muebles extensibles, cuya estructura queda sobre elevada con respecto al suelo para facilitar la limpieza bajo el mueble. Para ello, se ha previsto que del travesaño anterior (9) del bastidor móvil (1) sobre el que se dispone la superficie acolchada del mueble, emerjan inferiormente al menos dos tubos verticales (10), que en el montaje del mueble quedan ocultos por embellecedores (12), en los que son enchufables respectivas patas rodantes (11). Dichas patas

presentan un tramo inicial vertical (13), destinado a encajar en el correspondiente tubo vertical (10), que presenta un acodamiento en sentido posterior en su extremidad inferior, determinando un tramo intermedio (14) que por su extremo posterior sufre un acodamiento (15), en sentido descendente, para rematarse en las correspondientes ruedas (17), de manera que en situación de uso dichas ruedas quedan retrasadas y ocultas respecto del frente elevado de la estructura.

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**Declarations:**

Declaration of inventorship (Rules 4.17(iv) and 51bis.1(a)(iv)) for the purposes of the designation of the United States of America