

Title (en)

EJECTION DEVICE FOR A MOVABLE FURNITURE PART AND PIECE OF FURNITURE

Title (de)

AUSSTOSSVORRICHTUNG FÜR EIN BEWEGBARES MÖBELTEIL UND MÖBEL

Title (fr)

DISPOSITIF D'ÉJECTION POUR UN ÉLÉMENT MOBILE DE MEUBLE ET MEUBLE

Publication

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Application

EP 17719264 A 20170425

Priority

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Abstract (en)

[origin: WO2017186736A1] The invention relates to an ejection device (6, 6') for a movable furniture part (3) comprising a drive element (19, 19'), which is preloaded by at least one spring (15) and by means of which the movable furniture part (3) can be moved from a closed position into an open position, wherein the at least one spring (15) can be moved into a loaded position during a closing or opening motion of the furniture part (3) along a displacement distance and the furniture part (3) can be locked with the at least one loaded spring (15) in the closed position, wherein a backstop is provided, which limits a closing or opening motion of the movable furniture part (3) if the loading of the spring (15) during a closing or opening motion of the furniture part (3) is not yet concluded, wherein the backstop has a pinion (14) guided in a guide track (12, 12'), which pinion engages with a gear rack (11, 11') during a closing motion and can be locked by means of a locking element (17). The backstop can thus absorb high holding forces.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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