Patent claims

1. Drawer mechanism having a fixed rail element for attaching to a furniture cabinet and at least one movable rail element mounted on said fixed rail element, comprising an inner rail being an innermost movable rail element to be fastened to an extendable furniture part, the drawer mechanism comprising a retraction device having a spring-loaded slide movable in the retraction/extension direction for temporarily coupling to a coupling element disposed in a region of a free end of the inner rail, wherein the slide is capable of being blocked in a retraction position by a blocking latch bolt that in a guide is movable transversely to the retraction/extension direction, wherein the slide for coupling to the coupling element of the inner rail has at least one pivot element which is pivotable about an axis that is oriented so as to be perpendicular to the retraction/extension direction and perpendicular to the movement direction of the blocking latch bolt, a geometry of the pivot element being adapted to a geometry of the coupling element, such that the pivot element interacts with the coupling element for temporary coupling the slide to the inner rail, wherein the pivot element and the guide are disposed in such a manner that the blocking latch bolt in a blocking position blocks a pivoting movement of the pivot element, the pivot element having a blocking portion which in the blocking position interacts with the blocking latch bolt and the blocking portion comprises a lug which in the blocking position engages behind a free end of the blocking latch bolt, such that the pivoting movement of the pivot element is avoided even when the blocking latch bolt is slightly displaced outward.

2. The drawer mechanism as claimed in claim 1, wherein the pivot element has a holding portion that in an extension movement interacts with the coupling element, wherein the pivot element is mounted on the slide in such a manner that the holding portion in a release position in relation to a holding position is pivoted in the direction of a longitudinal central axis of the slide.

3. The drawer mechanism as claimed in claim 1, wherein the pivot element has an eccentrically disposed cam pin which interacts with a stationary curve for controlling the pivoting movement of the pivot element, when the slide is moved in the retraction/extension direction.

4. The drawer mechanism as claimed in claim 3, wherein the stationary curve in a portion has an elastic delimitation wall such that the inner rail in a retracted position of the retraction device is capable, by overcoming an insertion force, of being coupled to the slide in that a holding portion of the pivot element is temporarily pivoted, wherein the cam pin temporarily deforms the elastic delimitation wall.

5. The drawer mechanism as claimed in claim 1, comprising a guide receptacle in which the slide is mounted so as to be movable in a linear manner in the retraction/extension direction.

6. The drawer mechanism as claimed in claim 3, comprising a guide receptacle in which the slide is mounted so as to be movable in a linear manner in the retraction/extension direction, wherein the stationary curve is configured on the guide receptacle.

7. The drawer mechanism as claimed in claim 1, wherein the pivot element has an activation portion that in an retraction movement interacts with the coupling element.

8. The drawer mechanism as claimed in claim 1, wherein the slide has a blocking face which in the blocking position interacts with the blocking latch bolt.

9. The drawer mechanism as claimed in claim 8, wherein the blocking portion and the blocking face in the retracted state of the slide conjointly form a receptacle for the blocking latch bolt, said receptacle tapering in the direction of a longitudinal central axis of the slide.

10. The drawer mechanism as claimed in claim 2, wherein the holding portion of the pivot element is disposed on a first side of the slide that faces the inner rail, and in that the blocking portion of the pivot element is disposed on a second side of the slide that is opposite the first side.

11. The drawer mechanism as claimed in claim 1, wherein two pivot elements are disposed so as to be symmetrical to the longitudinal central axis of the slide.

12. The drawer mechanism as claimed in claim 1, comprising a damping element that is received in the slide.

13. The drawer mechanism as claimed in claim 12, wherein a damper rod of the damping element interacts with a stationary element of the retraction device.

14. The drawer mechanism as claimed in claim 13, wherein the stationary element is disposed in the retraction direction of the slide.