

Title (en)

Rotary bolt tensioning fastener for a movable body part of trucks, containers and the like.

Title (de)

Drehriegelspannverschluss für ein bewegliches Aufbauteil von Lastfahrzeugen, Containern und dergleichen.

Title (fr)

Fermeture de serrage avec espagnolette pour une porte mobile de carrosserie de camions, conteneurs et analogues.

Publication

**EP 0075038 A1 19830330 (DE)**

Application

**EP 81107494 A 19810921**

Priority

EP 81107494 A 19810921

Abstract (en)

1. Rotary bolt tensioning fastener for a movable body part of trucks, containers and the like, comprising a two-armed rotary bolt which is rotatably mounted on a support (11), adapted to be turned behind a counter element of a fixed body part, comprises a closure arm and a crank arm (25) and by a hand lever (15) articulately connected to the support (11) is rotatable via a connecting member (21) articulately connected on the one hand to the crank arm (25) and on the other to the hand lever (15), the swivel pin (24) of the rotary bolt extending parallel to the surface of the movable body part and the hand lever (15) being held down in the closure position by an over dead-centre position of the articulation points (14, 20, 22), characterized in that the closure arm is constructed as rotary hook (23), that the swivel pin (24) of the rotary bolt is mounted in slots (26) of the support or the rotary bolt encloses said pin with a slot, the slots extending in the direction of the support or rotary bolt, that the length of the connecting member (21) between the hand lever (15) and the crank arm (25) is so dimensioned that during the last part of the closure operation a relative movement occurs between slot (26) and swivel pin (24), and that the rotary bolt in the closure position is fixed by a stop (33 or 34) against rotary movement.

Abstract (de)

Der Verschluss weist einen auf einem Träger (11) drehbar gelagerten und hinter ein Gegenelement eines festen Aufbauteils eindrehbaren Drehhaken (23) auf, der durch einen am Träger (11) angelenkten Handhebel (15) über ein einerseits an einem Kurbelarm (25) des Drehhakens (23) und andererseits am Handhebel (15) angelenktes Verbindungsglied (21) drehbar ist. Der Handhebel (15) wird in Schließstellung durch eine Übertotpunkt lage der Anlenkpunkte (14, 20, 22) niedergehalten. Die Drehachse (22) des Drehhakens (23) ist verschiebbar. Der Drehhaken (23) ist mit dem Handhebel (15) in der Weise verbunden, daß während des letzten Teils des Schließvorgangs des Handhebels (15) der Drehhaken (23) eine ziehende Linearbewegung ausführt.

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**B62D 27/06**; **E05C 19/14**

IPC 8 full level

**E05C 19/14** (2006.01)

CPC (source: EP)

**E05C 19/145** (2013.01)

Citation (search report)

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