

Title (en)  
LOCKING DEVICE FOR GATES OR THE LIKE

Title (de)  
VERRIEGELUNGSVORRICHTUNG FÜR TORE ODER DERGLEICHEN

Title (fr)  
DISPOSITIF DE VERROUILLAGE POUR PORTAILS OU SIMILAIRES

Publication  
**EP 3361035 A1 20180815 (EN)**

Application  
**EP 18153394 A 20180125**

Priority  
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Abstract (en)  
The present invention relates to a locking device (1) for gates or the like, comprising a locking body (3) configured to reversibly lock a movable element (5), which is cinematically connected to a gate or the like in order to operate the closing and the opening thereof. The movable element (5) comprises at least one locking seat (6) and is adapted to move along a movement direction (M). The locking body (3) comprises at least one locking tooth (9) configured to engage the locking seat (6) of the movable element (5). The locking device (1) further comprises an actuator (11) movable along an acting direction (A). The actuator (11) and the locking body (3) are cinematically connected to one another by means of at least one arm (13), hinged at its own ends to the locking body (3) and to the actuator (11), respectively. The movement of the actuator (11) along the acting direction (A) implies the progressive inclination (a) of the arm (13) with respect to a direction orthogonal (O) to the acting direction (A). The movement of the movable element (5) along the movement direction (M) is prevented by the locking body (3) as long as the inclination (a) of the arm (13) is lower than an unlocking inclination (a<sup>3</sup>) starting from which a thrust exerted by the locking seat (6) of the movable element (5) against the locking tooth (9) of the locking body (3) is sufficient to push the locking tooth (9) out of the locking seat (6) and to allow the movement of the movable element (5) along the movement direction (M).

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Citation (search report)  
• [XAI] FR 2688822 A1 19930924 - VIAL JEAN JACQUES [FR]  
• [A] DE 19700859 A1 19980716 - GEZE GMBH & CO [DE]  
• [A] US 1628346 A 19270510 - WALTER WHITE WILLIAM

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