

Title (en)  
SELF-LOCKING STRUCTURE FOR TOILET BUMPER

Title (de)  
SELBSTVERRIEGELNDE STRUKTUR FÜR TOILETTENSTOSSDÄMPFER

Title (fr)  
STRUCTURE AUTOBLOQUANTE POUR BUTOIR DE TOILETTES

Publication  
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Application  
**EP 22164468 A 20220325**

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Abstract (en)  
[origin: EP4094652A1] The present disclosure discloses a self-locking structure for a toilet bumper, includes a fixed seat and a cover plate, the cover plate is provided with a mounting hole, and the mounting hole is provided with a seat hinge assembly. The seat hinge assembly includes a hinge shaft, the peripheral surface of the hinge shaft is provided with a first accommodation slot. The first accommodation slot is provided with an elastic buckle, and the opening of the mounting hole is provided with an inward protruding annular flange. The elastic buckle includes a base part, an elastic part and a guide part. During assembly, the guide part of the elastic buckle is guided into the mounting hole from outside to inside along the axis direction of the mounting hole, so that the guide part abuts against the annular flange in the axis direction of the mounting hole, so as to limit the axial movement of the seat hinge assembly. The present disclosure improves the hinge shaft part in the bumper, the elastic buckle is placed in the hinge shaft, which can quickly complete the disassembly and assembly of the bumper. The elastic buckle has the advantages in light weight, small occupied space and little impact on the strength of the hinge shaft.

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