

Title (en)  
DOOR HINGE FOR DOORS OF BUILDINGS

Title (de)  
TÜRBAND FÜR GEBÄUDETÜREN

Title (fr)  
PENTURE POUR PORTES DE BÂTIMENT

Publication  
**EP 3879054 B1 20240103 (DE)**

Application  
**EP 21159025 A 20210224**

Priority  
DE 102020106690 A 20200311

Abstract (en)  
[origin: RU2758334C1] FIELD: construction materials.SUBSTANCE: subject of the invention is a door hinge (3) for building doors. The door hinge is equipped with the first and second fastening parts (4, 6) for fastening to the door frame (2) and door leaf (1). In addition, it has a pivot arm (8), which connects the fasteners (4, 6) in the rotation axis (D) with each other in a movable manner in the pivot part, and the pivot arm (8) is formed without the possibility of rotation with the first fastener (4), and wherein the second fastener (6) has a receiving portion (21) in which the pivot arm (8) is received during the closing movement. According to the invention, the pivot arm (8) is movably connected to the second fastening part (6) through the support pins (9, 10), and the support pins (9, 10) are formed as separate parts and, respectively, with a cylindrical support section (11) engage with the setting device (12) of the second fastener (6), and the pivot arm (8) has in the vertical direction (Z) parallel to the axis of rotation (D) of rotation, locking lugs (13, 14), which, respectively, without the rotation possibilities are located in the groove (15) of the bearing pin (9, 10).EFFECT: creation of a door hinge.26 cl, 8 dwg

IPC 8 full level  
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Citation (examination)  
• DE 202004007068 U1 20040701 - BSH BOSCH SIEMENS HAUSGERAETE [DE]  
• US 5755011 A 19980526 - GREEN RICHARD L [US], et al

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**DE 102020106690 A 20200311**; EP 21159025 A 20210224; ES 21159025 T 20210224; PL 21159025 T 20210224; RU 2021105975 A 20210310