

Title (en)  
HARDWARE MOUNTING STRUCTURE

Title (de)  
HARDWARE-MONTAGESTRUKTUR

Title (fr)  
STRUCTURE DE MONTAGE DE MATÉRIEL

Publication  
**EP 3988752 A4 20230628 (EN)**

Application  
**EP 20826141 A 20200117**

Priority  
• CN 201910531358 A 20190619  
• CN 2020072611 W 20200117

Abstract (en)  
[origin: EP3988752A1] Provided is a hardware mounting structure. The hardware mounting structure includes a base, a rotation part, and an elastic piece. The base is provided with an accommodation groove and a first boss. The rotation part is disposed in the accommodation groove and rotatably connected to the base. The rotation part includes a locking piece, and two ends of the locking piece are capable of protruding out of the accommodation groove when the rotation part rotates. A first end of the elastic piece is installed on the first boss, and a second end of the elastic piece is capable of abutting against a side surface of the locking piece, so as to limit rotation of the locking piece.

IPC 8 full level  
**E05D 5/00** (2006.01)

CPC (source: CN EP)  
**E05B 15/00** (2013.01 - CN); **E05C 9/006** (2013.01 - EP); **E05D 5/00** (2013.01 - CN); **E05D 5/0238** (2013.01 - EP); **E05Y 2201/22** (2013.01 - EP); **E05Y 2201/42** (2013.01 - EP); **E05Y 2201/48** (2013.01 - EP); **E05Y 2600/53** (2013.01 - EP); **E05Y 2600/56** (2013.01 - EP); **E05Y 2900/132** (2013.01 - EP); **E05Y 2900/148** (2013.01 - EP)

Citation (search report)  
• [I] EP 2159432 A2 20100303 - ROTO FRANK AG [DE]  
• [I] US 2004165964 A1 20040826 - HERB ARMIN [DE]  
• [XI] DE 4040233 C2 19941103 - BILSTEIN AUGUST GMBH CO KG [DE]  
• [I] EP 2792830 A2 20141022 - WINKHAUS FA AUGUST [DE]  
• See also references of WO 2020253240A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**EP 3988752 A1 20220427**; **EP 3988752 A4 20230628**; **EP 3988752 B1 20240626**; CN 110130727 A 20190816; CN 110130727 B 20240412; WO 2020253240 A1 20201224

DOCDB simple family (application)  
**EP 20826141 A 20200117**; CN 201910531358 A 20190619; CN 2020072611 W 20200117