

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

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