

Title (en)  
MOUNTING BRACKET

Title (de)  
MONTAGEHALTERUNG

Title (fr)  
SUPPORT DE MONTAGE

Publication  
**EP 3671031 A1 20200624 (EN)**

Application  
**EP 18460076 A 20181220**

Priority  
EP 18460076 A 20181220

Abstract (en)  
Mounting bracket (1) for fixing a technical object on the structural element is a slot holding the structural element. The inner surface of the side wall of the slot (1) consists of two differently shaped surfaces (2 and 3), the first of which (2) has a shape of a lateral surface of semi-cylinder, and the other (3), opposite to the first one is a lateral surface of a truncated semi-cone, the base of which is located at the inlet of the slot. Generatrix of the first surface (2) and the opposite generatrix of the other surface (3) lie on the lines intersecting at an angle  $\alpha$ . The wall of the bracket slot 1, the middle part of the first surface (2) of the wall and the middle part of the second surface (3) of the wall have holes (4 and 5) in which there are elements (6) fixing the position of the bracket (1) relative to the structural element. On both sides on the holes (4 and 5), on the first (2) and second surface (3) of the bracket slot wall (1), there are protrusions (40 and 50) extending along tangents to the wall surface of the bracket slot 1.

IPC 8 full level  
**F21V 21/116** (2006.01); **F21V 21/14** (2006.01); **F21S 8/08** (2006.01); **F21W 131/103** (2006.01)

CPC (source: EP)  
**F21V 21/116** (2013.01); **F21V 21/14** (2013.01); **F21S 8/085** (2013.01); **F21W 2131/103** (2013.01)

Citation (applicant)  
US 6561681 B1 20030513 - HUANG MING-HSIEN [TW]

Citation (search report)  
• [Y] US 2017167676 A1 20170615 - WANG SHIH-CHANG [TW], et al  
• [Y] EP 3336422 A1 20180620 - GEN ELECTRIC [US]  
• [A] US 2012228529 A1 20120913 - TREWIN CHRISTOPHER SCOTT [AU], et al  
• [A] US 2010097815 A1 20100422 - SONG GUANG [CN], et al  
• [A] DE 202014010534 U1 20160204 - ENDLER STEPHAN [DE]

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

Designated extension state (EPC)  
BA ME

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**EP 3671031 A1 20200624**; **EP 3671031 B1 20210922**; PL 3671031 T3 20220131

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