

Title (en)
ARM FOR AWNING

Title (de)
AUSSTELLER FÜR MARKISE

Title (fr)
BRAS POUR STORE

Publication
EP 3798382 A1 20210331 (FR)

Application
EP 20382813 A 20200916

Priority
ES 201931492 U 20190916

Abstract (en)
[origin: ES1240534U] Arm (B) provided with a main body (1) defining a longitudinal direction (L), an arm end (2) and coupling and fixing means between the main body (1) and the end (2) of arm, in which the main body (1) is a hollow profile (11) so that a channel (12) is defined therein, and the arm end (2) comprises on one side a fitting end (21) for fitting into the channel (12) of the hollow profile (11) and on the other hand a joint (22), characterized in that the coupling and fixing means between the main body (1) and the arm end (2) They consist of: - at least one inner projection (13a) disposed in the recess (12) of the profile (1) and provided with at least one screw hole (14a) having the longitudinal direction (L); and - arranged at the arm end (2), at least one socket channel (22a) for housing the inner boss (13a), at least one support surface (23a) provided with at least one hole (24a) and arranged adjacently to the socket channel (22a) for housing the inner projection (13a); and - at least one screw (25a); so that the main body (1) and the arm end (2) can be reversibly coupled and fixed together by inserting the fitting end (21) into the hollow profile (11), so that the inner projection (13a) is housed in the socket channel (22a) for housing the inner boss (13a), by inserting the screw (25a) into the hole (24a), supporting its head (26a) on the support surface (23a) and threading its fillet (27a) into the screw hole (14a) of the inner projection (13a). (Machine-translation by Google Translate, not legally binding)

Abstract (fr)
Bras (B) avec des moyens d'emboîtement et de fixation entre le corps principal (1) et son extrémité (2), le corps principal (1) a un canal (12), et l'extrémité (2) a une extrémité d'emboîtement (21) pour son emboîtement dans le canal (12) et d'autre part une articulation (22), les moyens d'emboîtement et de fixation comprennent une saillie intérieure (13a) dans le creux (12) du profilé (1) et au moins un orifice de vissage (14a) qui a la direction longitudinale (L), et à l'extrémité (2), un canal d'emboîtement (22a) de logement de la saillie intérieure (13a), une surface d'appui (23a) avec un orifice (24a) et disposée adjacente au canal d'emboîtement (22a) d ; une vis (25a) de sorte que le corps principal (1) et l'extrémité (2) puissent être couplés et fixés de manière réversible l'un à l'autre. L'invention concerne également un procédé d'assemblage de ce bras.

IPC 8 full level
E04F 10/06 (2006.01)

CPC (source: EP)
E04F 10/0618 (2013.01)

Citation (applicant)
US 4208846 A 19800624 - GRIEBEL WILLIAM C [US]

Citation (search report)
• [A] FR 2421246 A1 19791026 - RIRI ITALIA SPA [IT]
• [A] DE 8412694 U1 19840809
• [A] EP 1331323 A2 20030730 - MADON NEDERLAND [NL]
• [A] DE 4200564 A1 19930715 - WEIERMANN DIETER WEINOR [DE]
• [A] KR 20130136840 A 20131213 - YU JAE CHUN [KR]

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