

Title (en)  
ASSEMBLY OF PIVOTING ARM FOR BLIND AND ASSOCIATED INSTALLATION METHOD

Title (de)  
ANORDUNG VON SCHWENKARMEN FÜR ROLLLADEN, UND ENTSPRECHENDES MONTAGEVERFAHREN

Title (fr)  
ENSEMBLE DE BRAS PIVOTANT POUR STORE ET PROCÉDÉ DE MONTAGE ASSOCIÉ

Publication  
**EP 3235968 A1 20171025 (FR)**

Application  
**EP 16382327 A 20160708**

Priority  
ES 201630502 U 20160421

Abstract (en)  
[origin: ES1158734U] Pivoting arm assembly for awning, comprising an arm (1) and an arm support (2) intended to be fixed to a fixed structure, comprising an axial articulation (a) between the arm support (2) and the arm (1) that allows the arm (1) to pivot with respect to the arm support (2) between a retracted position and a deployed position, the arm (1) being provided with an arm profile (11), from one end of articulation (12) and of a joining end (13) to an awning extension bar, the axial articulation (a) of a convex cylindrical surface (s) comprising a biasing element (3) of the arm being provided. Towards the deployed position, the biasing element (3) being provided with a fixing end (31) to the joining end (13), a length of cable (32) wound on the convex cylindrical surface (s), one end of fixing (33) to the arm support (2) and a spring (34) disposed between the fixing end (31) and the cable branch (32), characterized in that it comprises a section of adjustable length (35) between the fixing end (31) to the joining end (13) and the spring (34). (Machine-translation by Google Translate, not legally binding)

Abstract (fr)  
L'invention est relative à un ensemble de bras pivotant pour store, comprenant un bras (1) et un support de bras (2), une articulation axiale (A) pourvue d'une surface cylindrique (S) convexe, comprenant un élément de sollicitation (3) du bras vers la position déployée, étant l'élément de sollicitation (3) pourvu d'une extrémité de fixation (31) à l'extrémité d'union (13), un segment de câble (32) enroulé sur la surface cylindrique (S) convexe, une extrémité de fixation (33) destinée à être fixée par rapport au support de bras (2), un ressort (34) arrangé entre l'extrémité de fixation (31) et le segment de câble (32) et un segment de longueur réglable (35) entre l'extrémité de fixation (31) à l'extrémité d'union (13) et le ressort (34). Elle se rapporte aussi à un procédé de montage de l'ensemble.

IPC 8 full level  
**E04F 10/06** (2006.01)

CPC (source: EP)  
**E04F 10/0614** (2013.01); **E04F 10/0651** (2013.01)

Citation (search report)  
• [YA] NL 7804443 A 19791030 - SCHOEN SIEGFRIED JOACHIM  
• [YA] EP 1013846 A1 20000628 - ACCESSORI S R L CENTRO [IT]  
• [A] ES 2235554 A1 20050701 - GAVIOTA SIMBAC SL [ES]  
• [A] EP 2607570 A1 20130626 - LLAZA SA [ES]  
• [A] DE 29709093 U1 19970717 - STRAETER FRITZ GMBH [DE]

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Designated extension state (EPC)  
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**EP 16382327 A 20160708**; ES 16382327 T 20160708; ES 201630502 U 20160421; PT 16382327 T 20160708