

Title (en)
Awning with driven articulated arms.

Title (de)
Gelenkarmmarkise mit getriebenen Tragarmen.

Title (fr)
Store du type banne à bras motorisés.

Publication
EP 0039632 A1 19811111 (FR)

Application
EP 81400656 A 19810428

Priority
FR 8009583 A 19800429

Abstract (en)
1. A blind of the awning type, which on the one hand comprises a frame incorporating hinged arms (1 and 2), a load bar (3), possibly a so-called "motor" mechanism for the relative displacement of these elements and a cylinder (4) rotatable in bearings (5), and on the other hand a cloth (6) stretched between the load bar (3) and the cylinder (4) on which it may be wound, characterised in that each arm (1-2) is equipped with a locking mechanism (11-12) having two points of application (13-14 and 15-16) situated at either side of the joint (17-18) of the two half-arms (1a-1b and 2a-2b) which form each arm (1-2) in order permanently to immobilise them in both their possible directions of displacement when the locking mechanism (11-12) itself is at rest, whilst the cylinder (4) is of the king comprising a member such as a spring intended constantly to load the same in its direction of rotation corresponding to the winding-up of the cloth (6) and is associated with a stop element (19-20) of the rotation of the cylinder (4), this stop element (19-20) being able to occupy an active position and an inactive position in which it is neutralised.

Abstract (fr)
L'invention concerne un store du type comprenant des bras articulés (1 et 2), une barre de charge (3), un cylindre (4) monté rotatif dans des paliers (5) et une toile (6) tendue entre la barre (3) et le cylindre (4) sur lequel elle peut être enroulée. Les bras (1 et 2) sont munis, chacun, d'un vérin respectivement (11 et 12) dont les points d'application (13-14) et (15-16) sont situés de part et d'autre de chaque articulation respectivement (17 et 18). Ainsi, les bras (1 et 2) peuvent être déplacés à volonté et bloqués dans la position voulue. Le cylindre (4) est associé à un ressort (non représenté) qui le sollicite en permanence dans le sens correspondant à l'enroulement de la toile (6). Il est muni d'un tambour de frein (19) avec lequel peut coopérer un patin (20) commandé en synchronisme avec les vérins (11 et 12).

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Citation (search report)
• [D] DE 1683477 A1 19691016 - SIEBRECHT REUTER KURT
• [D] US 3074474 A 19630122 - DUNN HAROLD S
• [D] US 3870096 A 19750311 - HORRELL ROBERT E

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