

Title (en)  
Awning.

Title (de)  
Markise.

Title (fr)  
Store.

Publication  
**EP 0682162 A1 19951115 (DE)**

Application  
**EP 95104773 A 19950331**

Priority  
DE 4416397 A 19940510

Abstract (en)  
The awning canvas (11) is fixed at one edge to the winding shaft and at the opposite edge to an extension rod. The winding shaft can be turned to wind the canvas open and closed by an associated drive unit. A pretension device acts on the extension rod to pretension the canvas as it is unwound from the shaft. At least one rib (22) set across the longitudinal extension of the canvas is connected at both ends to the canvas by holding means. When the awning canvas is fully extended the or each rib is set equidistant between winding shaft and extension rib. The ribs can fit tight in loops running over the width of the canvas. <IMAGE>

Abstract (de)  
Eine Markise weist eine Wickelwelle auf, an der einenends ein Markisentuch (11) befestigt ist, das auf die Wickelwelle aufzuwickeln ist. Um beim Aufwickeln Falten auf dem der Wickelwelle befindlichen Tuchballen zu vermeiden, ist die Tuchbahn (11) mit mehreren Streben (22) in Querrichtung gespannt gehalten. Die Streben (22) verlaufen parallel zur Wickelwelle und sind zumindest endseitig mit der Tuchbahn (11) verbunden. <IMAGE>

IPC 1-7  
**E04F 10/06**

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

CPC (source: EP)  
**E04F 10/0607** (2013.01)

Citation (search report)  
• [XY] EP 0322534 A1 19890705 - CLAUSS MARKISEN [DE]  
• [Y] BE 547643 A  
• [YA] CH 673133 A5 19900215 - KAESTLI & CO AG  
• [Y] FR 2232655 A1 19750103 - LAUZIER ETS RENE [FR]  
• [YA] FR 2591652 A1 19870619 - PONS PIERRE [FR]  
• [A] US 3292685 A 19661220 - CLARK MORTON L

Cited by  
EP1170436A1; EP1081307A3; US6625936B2

Designated contracting state (EPC)  
AT CH DE FR GB IT LI NL

DOCDB simple family (publication)  
**EP 0682162 A1 19951115**; DE 4416397 A1 19951130; DE 4416397 C2 19970807

DOCDB simple family (application)  
**EP 95104773 A 19950331**; DE 4416397 A 19940510