

Title (en)  
Awning with resilient tension means

Title (de)  
Markise mit elastischen Zugmitteln

Title (fr)  
Marquise avec moyens de tension élastiques

Publication  
**EP 0736642 B1 20020619 (DE)**

Application  
**EP 96105325 A 19960403**

Priority  
DE 19512677 A 19950407

Abstract (en)  
[origin: EP0736642A1] The blind or shading device includes a drive device (6) which is coupled to the winding shaft (2). It can be set in rotation to rotate the winding shaft to wind up the blind sheet (8) or unwind it. A tractive device (14) with two anchored ends is at least sectionally elastically expandable. It engages on the blind sheet and has at least one end so anchored in a position that it imparts a tension to the blind sheet for unwinding it from the winding shaft. The tractive device can be elastically expandable over its complete length or can have elastically expandable and one non-expandable sections. The edge (11) standing away from the winding shaft is locally anchored and between it and the shaft is a draw bar (13) which is loosely connected to the blind sheet, and on which the tractive device engages.

IPC 1-7  
**E04F 10/06**; E06B 9/64; E06B 9/42

IPC 8 full level  
**E04F 10/06** (2006.01); **E06B 9/42** (2006.01); **E06B 9/64** (2006.01)

CPC (source: EP)  
**E04F 10/0607** (2013.01); **E06B 9/42** (2013.01); **E06B 9/64** (2013.01); **E04F 10/0655** (2013.01)

Citation (examination)  
EP 0693614 A1 19960124 - CLAUSS MARKISEN [DE]

Cited by  
EP1367192A3; EP1310629A3; EP1215350A3; EP1273734A3; EP3260622A1; FR2937429A1; ITVE20100005A1

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

DOCDB simple family (publication)  
**EP 0736642 A1 19961009**; **EP 0736642 B1 20020619**; AT E219545 T1 20020715; DE 19512677 C1 19961219; DE 59609355 D1 20020725

DOCDB simple family (application)  
**EP 96105325 A 19960403**; AT 96105325 T 19960403; DE 19512677 A 19950407; DE 59609355 T 19960403