

Title (en)
Awning, in particular greenhouse awning

Title (de)
Markise, insbesondere Wintergartenmarkise

Title (fr)
Store, en particulier store pour jardins d'hiver

Publication
EP 1367192 B1 20080618 (DE)

Application
EP 03007583 A 20030402

Priority
DE 10218572 A 20020426

Abstract (en)
[origin: US2003201073A1] In an awning, in particular a sun room awning, comprising a fabric-roll shaft for retracting and extending an awning fabric; wherein the inward end of the awning fabric is joined to the fabric-roll shaft and the outward end of the awning fabric to a drop-out bar, and the drop-out bar is run in lateral guide rails; wherein elastic pull straps act on the drop-out bar on the side opposite the awning fabric, the pull straps being deviated by a deflection pulley in the vicinity of the end of the guide rail, and reversed towards the fabric-roll shaft and wound on the fabric-roll shaft upon extension and unwinding of the awning fabric and exercising tensile stress on the drop-out bar and thus on the awning fabric; wherein unwinding the awning fabric and winding up the pull straps take place by an electric motor drive of the fabric-roll shaft, and switchgear is provided for switching off the drive of the fabric-roll shaft upon complete extension; it is provided that the switchgear acts on the drive of the fabric-roll shaft for the drive to be switched off only after maximum extension being exceeded and the awning fabric being wound up by a defined angular range in the original direction of extension.

IPC 8 full level
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