

Title (en)
Greenhouse awning

Title (de)
Wintergartenmarkise

Title (fr)
Store de jardins d'hiver

Publication
EP 1170436 A1 20020109 (DE)

Application
EP 01108101 A 20010330

Priority
DE 10033419 A 20000708

Abstract (en)
Winter garden awning comprises a cloth shaft (3) for winding an awning cloth (2) to form a cloth reel and lateral guiding rails for guiding the awning cloth on unwinding. The awning cloth has sliding strips (9) that are wound with the cloth and are inherently rigid in the unwinding direction. Preferred Features: The sliding strips are made from high-grade steel, carbon composite material, etc. and are approximately the same thickness as the awning cloth. The sliding strips are connected in parts or points with the awning cloth and are guided in rails (10) or rail sections. Holes, cut-outs or teeth engaging with corresponding driving and/or stabilizing devices are provided on the sliding strips.

Abstract (de)
Bei einer Wintergartenmarkise (1) umfassend eine Tuchwelle (3) zur Aufwicklung eines Markisentuches (2) unter Ausbildung eines Tuchwickels (4) und seitliche Führungsschienen (10) zum Führen des Markisentuches beim Ausfahren ist zur Erzielung großer Ausfallweiten, zur Realisierung neuer Markisenkonfigurationen und zur Vermeidung der Nachteile herkömmlicher Zugsysteme vorgesehen, daß das Markisentuch zusammen mit diesem aufwickelbare, in Ausfahrrichtung eigensteife Schubblätter (9) aufweist. <IMAGE>

IPC 1-7
E04F 10/06

IPC 8 full level
E06B 9/56 (2006.01); **E04F 10/06** (2006.01); **E06B 9/42** (2006.01)

CPC (source: EP US)
E04F 10/0607 (2013.01 - EP US); **E04F 10/0648** (2013.01 - EP US); **E04F 10/0685** (2013.01 - EP US)

Citation (search report)
• [A] EP 0778379 A1 19970611 - CLAUSS MARKISEN [DE]
• [A] FR 2563555 A1 19851031 - PONS PIERRE [FR]
• [A] EP 0682162 A1 19951115 - CLAUSS MARKISEN [DE]
• [A] US 5203393 A 19930420 - BLEVINS TIMOTHY D [US], et al

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