

Title (en)  
Device for winding and unwinding a fabric

Title (de)  
Auf- und Abrollvorrichtung für ein Gewebe

Title (fr)  
Dispositif d'enroulement et déroulement d'un toile

Publication  
**EP 0818602 A1 19980114 (FR)**

Application  
**EP 97420093 A 19970618**

Priority  
FR 9607829 A 19960619

Abstract (en)  
A rolled sheet of material (1), designed so that its edges run in guide rails (13) when it is deployed, has flexible tubes attached to its two lengthwise edges (9) to receive rigid inserts (12). The inserts hold the edges of the sheet in place as they slide along channels in the guide rails (13). The edge tubes are made from a material which gives a low friction coefficient on the inner surface, such as polyester, polyamide, or fibreglass coated with PTFE, and they are attached to the material sheet by sewing or thermal or ultrasound welding. The inserts are e.g. cylindrical in shape with hemispherical ends, and the rails have stops in the form of pegs or magnets to limit their travel.

Abstract (fr)  
Dispositif d'enroulement-déroulement d'une toile (1) du type store, bannière, bâche de piscine etc..., autour d'un axe d'enroulement pivotant (3) par rapport à un châssis (2), ladite toile (1) ayant une largeur constante entre ces deux lisières latérales (4, 5), caractérisé : en ce que la toile (1) présente sur chaque lisière latérale (4, 5) un fourreau (6), en ce qu'il comprend deux noyaux enfilés chacun dans un des fourreaux (6), et des moyens (13) pour maintenir l'écartement constant entre ces deux noyaux. <IMAGE>

IPC 1-7  
**E06B 9/58**; **E06B 9/40**

IPC 8 full level  
**E06B 9/40** (2006.01); **E06B 9/58** (2006.01)

CPC (source: EP)  
**E06B 9/40** (2013.01); **E06B 9/581** (2013.01); **E04H 4/101** (2013.01)

Citation (search report)  
[XDA] AT 356352 B 19800425 - DOLENZ ERNST [AT]

Cited by  
EP4372196A1; EP2835490A3; EP2868842A1; FR3012834A1; FR3004212A1; EP2799657A1; US9194178B2; WO2024104713A1

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