

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 B1 20040107 (FR)

Application
EP 97420093 A 19970618

Priority
FR 9607829 A 19960619

Abstract (en)
[origin: EP0818602A1] 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.

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 (examination)
EP 0091278 A1 19831012 - RASMUSSEN HOLDING AS V KANN [DK]

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

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