

Title (en)
Improved pantograph linkage for collapsible bellows-like canvas coverings.

Title (de)
Pantographgelenk für faltbare ziehharmonikaartige Segeltuchbedeckungen.

Title (fr)
Assemblage à pantographe pour couverture en toile repliable en accordéon.

Publication
EP 0288441 A1 19881026 (EN)

Application
EP 88830170 A 19880422

Priority
IT 2025787 A 19870424

Abstract (en)
In collapsible canvas coverings (1) substantially comprising a canvas (1) supported by a plurality of arches (2) mutually connected by pantograph linkages and therefore capable of being mutually brought closer or moved apart in order to uncover or to cover the sheltered area, the pantograph linkages have been improved in order to avoid tearings of the canvas and/or injuries. Each unit of the pantograph linkage comprises, in a way known per se, two rods (7, 7') mutually pivoted in a St. Andrews' cross fashion, in the middle area thereof, wherein said rods have been bent in such a way that each arm (15, 15'), upstream from said middle area is offset both relative to the other arm and relative to the pivot pin (8) connecting both rods together.

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CPC (source: EP)
E04B 1/3455 (2023.08); **E04H 3/165** (2013.01); **E04H 15/505** (2013.01)

Citation (search report)
• [Y] EP 0081706 A1 19830622 - LANG EUGEN & KLAUS GMBH [DE]
• [Y] GB 983720 A 19650217 - FRANK JOSEPH MARINO
• [A] FR 2277204 A1 19760130 - MINKA TREPPEN GMBH [AT]

Cited by
CZ301402B6; ES2158787A1; ES2111415A1; US6286264B1; FR2783008A1; WO2019040012A3

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