

Title (en)
Umbrella

Title (de)
Schirm

Title (fr)
Parasol

Publication
EP 0841023 A3 19991103 (DE)

Application
EP 97119214 A 19971104

Priority
DE 19645827 A 19961107

Abstract (en)
[origin: EP0841023A2] The parasol has a vertical mast with a slide to open/close the canopy. Cable-like bodies (11) are guided sliding on the slide (3). One end (12) of each body is fastened to the end sections of associated bars (8), while the other end (13) is fastened stationary between slide and upper mast end (9). The bodies are of such a length, that they are tensioned mainly horizontally when the parasol is open. The slide has a collar with a number of passage holes for the flexible bodies. These may be ropes or chains. The holes contain bearing elements to reduce the friction between bodies and collar.

IPC 1-7
A45B 25/00; **A45B 23/00**

IPC 8 full level
A45B 3/00 (2006.01); **A45B 23/00** (2006.01); **A45B 25/00** (2006.01)

CPC (source: EP)
A45B 3/00 (2013.01); **A45B 23/00** (2013.01); **A45B 2023/0012** (2013.01)

Citation (search report)
• [AD] DE 8224529 U1 19830511
• [AD] EP 0475668 A1 19920318 - WALLACE ELIZABETH SWEENEY [CA]

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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