

Title (en)  
Free-arm canopy

Title (de)  
Freiarmschirm

Title (fr)  
Parasol à potence

Publication  
**EP 1097652 B1 20040107 (DE)**

Application  
**EP 00811034 A 20001106**

Priority  
CH 203599 A 19991107

Abstract (en)  
[origin: US6588438B1] The free-arm shade has radial shade ribs (6), support ribs (7) attached to the latter, and a shade rod slide (8) that is freely attached to support ribs (7). It also has a decentral pole (1) standing outside the shade. One of the shade ribs is vertically displaceably attached to pole (1) by its outer end, and functions as a side arm (2). On its top side, it is connected to pole tip (11) via an articulated rib (4), with this shade rib (2) having a pivot joint (13) between the edge of the shade fabric and the pole. Articulated rib (4) is connected to shade rib (2) via a pivot hinge (12). Shade rib (2) can therefore be pivoted around the axis between pivot joint (13) and pivot hinge (12) so that the entire shade can be tilted sideways in relation to pole (1).

IPC 1-7  
**A45B 17/00**; **A45B 23/00**

IPC 8 full level  
**A45B 17/00** (2006.01); **A45B 23/00** (2006.01); **A45B 25/06** (2006.01); **E04H 15/26** (2006.01)

CPC (source: EP KR US)  
**A45B 23/00** (2013.01 - EP US); **A45B 25/06** (2013.01 - EP US); **E04H 15/26** (2013.01 - KR); **A45B 2023/0043** (2013.01 - EP US); **A45B 2023/0081** (2013.01 - EP US)

Cited by  
KR100681732B1; GB2392680A; GB2392680B; US10136710B2; WO2015188033A1

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**US 6588438 B1 20030708**; AT 5165 U1 20020425; AT E257338 T1 20040115; AU 6969200 A 20010510; AU 779526 B2 20050127; BR 0005260 A 20020723; CA 2324851 A1 20010507; CA 2324851 C 20090127; DE 29920335 U1 20000203; DE 50004975 D1 20040212; EP 1097652 A1 20010509; EP 1097652 B1 20040107; FR 2800778 A3 20010511; FR 2800778 B3 20010907; IT 251683 Y1 20031219; IT SV20000002 U1 20010825; IT SV20000002 V0 20000225; JP 2001128716 A 20010515; KR 100681732 B1 20070215; KR 20010051485 A 20010625

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