

Title (en)  
Sectional umbrella.

Title (de)  
Zerlegbarer Schirm.

Title (fr)  
Parapluie démontable.

Publication  
**EP 0387069 A2 19900912 (EN)**

Application  
**EP 90302499 A 19900308**

Priority  
JP 2702889 U 19890308

Abstract (en)  
Stem B consists of sections such as 14 and 19 which may be telescopic or screw together. Top piece A screws onto the top of the stem B before the umbrella is opened. Collar 3 is then lowered by sliding on the stem top-piece 1 so that support ribs 5, pivotally-attached to the collar 3, and main ribs 4, pivotally-attached to the flange 2 on the top-piece 1, swing outwards. Each main rib 4 is connected to a support rib 5 by a hinge 6, to which is also connected an extension rib 7. The extension ribs 7 are swung over to align with the main ribs 4 before the collar 3 is lowered to engage the latch on the stem B, causing the covering fabric 8 to be stretched and the main and extension ribs to adopt a bowed formation.

IPC 1-7  
**A45B 19/10**; **A45B 23/00**; **A45B 25/02**

IPC 8 full level  
**A45B 19/00** (2006.01); **A45B 19/10** (2006.01); **A45B 23/00** (2006.01); **A45B 25/02** (2006.01)

CPC (source: EP KR)  
**A45B 19/00** (2013.01 - EP); **A45B 19/10** (2013.01 - EP KR); **A45B 23/00** (2013.01 - EP KR); **A45B 25/02** (2013.01 - KR)

Cited by  
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Designated contracting state (EPC)  
DE FR GB IT NL

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