

Title (en)  
Umbrella with a rotatable canopy

Title (de)  
Regenschirm mit drehbarer Kappe

Title (fr)  
Parapluie avec une structure couvrante rotative

Publication  
**EP 1486136 B1 20090527 (EN)**

Application  
**EP 03253756 A 20030612**

Priority  
EP 03253756 A 20030612

Abstract (en)  
[origin: EP1486136A1] An umbrella includes a notch member (20) aligned with an elongate stem (10,10') along an axis (L) for connection with a rib assembly (41) , a canopy (42) mounted on the notch member (20) , and a runner (30) slidably sleeved on the stem (10,10') and connected to a stretcher assembly (90) to stretch or retract the rib assembly (41). First and second coupling members (22,22',512,620,722,822,13,13',13",160,130,610,810) are respectively secured to the notch member (20) and the stem (10,10'), and have coupling ends (221,131,131") swivelable and frictionally rotatable relative to each other about the axis (L) . A retaining member is disposed to prevent relative displacement of the coupling ends (221,131,131") along the axis (L). As such, the canopy (42) can be forced to rotate relative to the stem (10,10') about the axis (L) once subjected to a relatively strong external force. <IMAGE>

IPC 8 full level  
**A45B 25/22** (2006.01); **A45B 23/00** (2006.01); **A45B 25/02** (2006.01)

CPC (source: EP)  
**A45B 23/00** (2013.01); **A45B 25/02** (2013.01); **A45B 25/22** (2013.01); **A45B 2017/005** (2013.01); **A45B 2023/0012** (2013.01)

Cited by  
NL2008374C2; GB2451641A; DE102010022889A1; WO2013129928A3

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