

Title (en)  
LARGE STANDING UMBRELLA

Title (de)  
STANDSCHIRM

Title (fr)  
PARASOL DE GRANDE TAILLE

Publication  
**EP 0888071 A1 19990107 (DE)**

Application  
**EP 97907024 A 19970128**

Priority  
• DE 9700148 W 19970128  
• DE 19604599 A 19960208

Abstract (en)  
[origin: US5826604A] A standing umbrella includes an upright pole, a top affixed to the upper end of the upright pole, a slide member displaceably mounted on the upright pole, at least four tensioning struts having free outer ends and inner ends linked to the slide member at respective pivots, a flexible cover affixed to the tensioning struts, and flexible carrier elements extending between the top and the tensioning struts. Displacement of the slide member towards the lower end of the upright pole moves the tensioning struts into positions in which they almost extend perpendicularly to the upright pole, diametrically opposite ones of the tensioning struts enclosing an angle of less than 180 DEG , whereby the umbrella is opened, and displacement of the slide member towards the upper end of the upright pole causes the umbrella to be closed. A flexible member extends between the tensioning struts and is affixed thereto for limiting the opening movement of the tensioning struts.

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IPC 8 full level  
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CPC (source: EP US)  
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**A45B 2023/0012** (2013.01 - EP US)

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See references of WO 9728715A1

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**US 5826604 A 19981027**; AT E203875 T1 20010815; AU 1923497 A 19970828; CA 2244252 A1 19970814; DE 19604599 C1 19970306;  
DE 19780076 D2 19980618; DE 59704247 D1 20010913; DK 0888071 T3 20011203; EP 0888071 A1 19990107; EP 0888071 B1 20010808;  
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ES 97907024 T 19970128; GR 20010401810 T 20011018; PT 97907024 T 19970128