

Title (en)

Umbrella with a cover tensioning structure placed on a pole

Title (de)

Schirm mit auf einem Standrohr angebrachtem Spanngestell für eine Bespannung

Title (fr)

Parasol comprenant un dispositif de tension de couverture placé sur un mât

Publication

**EP 1731056 B1 20110126 (DE)**

Application

**EP 06009911 A 20060513**

Priority

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- DE 202005011579 U 20050723

Abstract (en)

[origin: EP1731056A1] Garden umbrella has a tension frame attached to an upright rod (12) which holds a telescopically movable support tube (14) which has an associated coaxial spindle section (15) with steeply rising thread and a free wheeling gearing. The spindle section is moved axially through a crank (44). The upright rod is fitted with a tension pawl (30) with ratchet bolt engaging in an axially parallel row of indents on the support tube.

IPC 8 full level

**A45B 19/04** (2006.01); **A45B 25/06** (2006.01); **A45B 25/10** (2006.01); **A45B 25/14** (2006.01)

CPC (source: EP)

**A45B 19/04** (2013.01); **A45B 25/14** (2013.01); **A45B 2023/0012** (2013.01)

Cited by

US10357087B2; CN108433282A; US11910890B2

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DOCDB simple family (publication)

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