

Title (en)

Hanging umbrella and rotating mechanism for such an umbrella

Title (de)

Hängender Regenschirm und Drehmechanismus für einen solchen Schirm

Title (fr)

Parapluie suspendu et mécanisme de rotation pour un tel parapluie

Publication

EP 2952116 A1 20151209 (EN)

Application

EP 14171365 A 20140605

Priority

EP 14171365 A 20140605

Abstract (en)

A hanging umbrella with a 360-degree rotating mechanism is claimed; a sliding sleeve (5) is sleeved on a pipe body of a vertical pipe (1); the top end of an arched pipe (2) is connected to an umbrella roof, and the tail end is in shaft connection to the upper end of an arm pipe (3); the lower end of the arm pipe (3) is in shaft connection to the sliding sleeve (5), wherein a shaft sleeve (13) is arranged at the top end of the vertical pipe (1); the lower part (11') of a rotating shaft (11) is rotatably connected with the shaft sleeve (13), and the upper part (11'') of the rotating shaft is in shaft connection to a supporting pipe sleeve (15) sleeved on the pipe body of the arched pipe (2). Further a rotating mechanism for such an umbrella is claimed.

IPC 8 full level

A45B 23/00 (2006.01)

CPC (source: EP)

A45B 23/00 (2013.01); **A45B 2023/0037** (2013.01); **A45B 2023/0075** (2013.01)

Citation (applicant)

CN 00211064 U 20000308

Citation (search report)

- [X] CN 200997967 Y 20080102 - ZHEJIANG YONGQIANG GROUP CO [CN]
- [X] WO 2008098557 A2 20080821 - YOTRIO GROUP CO LTD [CN], et al

Cited by

US2017086543A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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