

Title (en)
STAND-ALONE UMBRELLA

Title (de)
FREISTEHENDER SCHIRM

Title (fr)
PARAPLUIE MAINS LIBRES

Publication
EP 2305059 A4 20130911 (EN)

Application
EP 09793980 A 20090430

Priority
• ES 2009070134 W 20090430
• ES 200802078 A 20080711

Abstract (en)
[origin: EP2305059A1] Stand-alone umbrella formed by a cover (1) which houses internal tubes (3) mounted inside the cover (1) on guides (2), being joined at its top end to an oscillating arm (4), the latter being in turn joined to a body (5) which has three sliders (19, 20 and 21) to which the rods (27, 28 and 29) are joined, the rear top slider (20) and the bottom slider (21) being joined to a cable (15) which is arranged along the length of the body (5) and the oscillating arm (4), and the ends of the cable (15) being joined to an arm slider (16) which is in turn joined to the middle plate (9) by means of tie-rods (17), the body (5) having at one of its ends rear rods (30) joined to a rotating element and at the other end a pulling device (8).

IPC 8 full level
A45B 11/02 (2006.01); **A45B 19/00** (2006.01); **A45B 25/14** (2006.01); **A45B 25/16** (2006.01); **A45F 3/04** (2006.01)

CPC (source: EP ES US)
A45B 11/02 (2013.01 - ES); **A45B 19/00** (2013.01 - EP ES US); **A45B 19/08** (2013.01 - EP US); **A45B 25/14** (2013.01 - ES); **A45B 25/143** (2013.01 - EP US); **A45B 25/16** (2013.01 - EP US); **A45F 3/04** (2013.01 - ES); **A45B 19/04** (2013.01 - EP US); **A45B 2011/005** (2013.01 - EP US); **A45B 2019/002** (2013.01 - EP US); **A45B 2023/0043** (2013.01 - EP US); **A45B 2023/0068** (2013.01 - EP US)

Citation (search report)
No further relevant documents disclosed

Cited by
IT201600092206A1; FR3006865A1; EP2815673A3

Designated contracting state (EPC)
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 SE SI SK TR

DOCDB simple family (publication)
EP 2305059 A1 20110406; **EP 2305059 A4 20130911**; CN 102149298 A 20110810; ES 2351246 A1 20110202; ES 2351246 B1 20111121; US 2011088734 A1 20110421; WO 2010004072 A1 20100114

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