

Title (en)
UMBRELLA HANDLE AND AUTOMATIC UMBRELLA WITH AUDIO FUNCTION

Title (de)
SCHIRMGRIFF UND AUTOMATIKSCHIRM MIT AUDIOFUNKTION

Title (fr)
POIGNÉE DE PARAPLUIE ET PARAPLUIE AUTOMATIQUE À FONCTION AUDIO

Publication
EP 3758543 A1 20210106 (DE)

Application
EP 19708074 A 20190226

Priority
• DE 102018104260 A 20180226
• EP 2019054713 W 20190226

Abstract (en)
[origin: WO2019162523A1] The invention relates to an umbrella handle (1) for a portable umbrella comprising a receiving means (2.1) for an umbrella pole and a receiving means (2.4) for at least one electronic circuit, wherein, in addition, an electronic circuit (4) having a voltage supply (4.4) and an output unit for sound (7) are arranged in the umbrella handle (1), and the umbrella handle (1) has a receiving part (2), wherein the receiving part (2) provides a receiving means (2.1) for an umbrella pole, a receiving means (2.4) for at least one electronic circuit, and a receiving means (2.5) for an umbrella release unit. The invention also relates to an automatic umbrella. The object of the invention, to provide an easily assembled and cost-effective umbrella handle for a portable umbrella having a playback option for sound, which simultaneously permits improved and simplified operability, is achieved for an umbrella handle in that the umbrella release unit comprises at least one operating element (5), with which the umbrella is released and the at least one electronic circuit (4) can be controlled, and the electronic circuit (4) has at least one switch (4.1), wherein the at least one operating element (5) comprises a control means (5.3) designed for mechanically triggering the at least one switch (4.1). The object of the invention is also achieved via an automatic umbrella comprising an umbrella handle according to the invention.

IPC 8 full level
A45B 3/00 (2006.01); **A45B 25/16** (2006.01); **G09F 23/00** (2006.01); **G09F 25/00** (2006.01); **H04R 1/02** (2006.01)

CPC (source: CN EP)
A45B 3/00 (2013.01 - CN EP); **A45B 9/02** (2013.01 - CN); **A45B 19/00** (2013.01 - CN); **A45B 25/143** (2013.01 - CN); **A45B 25/16** (2013.01 - EP); **H04R 1/028** (2013.01 - EP); **A45B 2019/002** (2013.01 - CN); **A45B 2200/1081** (2013.01 - EP); **H04R 1/023** (2013.01 - EP)

Citation (search report)
See references of WO 2019162523A1

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)
WO 2019162523 A1 20190829; CN 110192697 A 20190903; CN 110192697 B 20210730; DE 102018104260 A1 20190829; EP 3758543 A1 20210106; EP 3758543 B1 20220518

DOCDB simple family (application)
EP 2019054713 W 20190226; CN 201810306270 A 20180408; DE 102018104260 A 20180226; EP 19708074 A 20190226