

Title (en)
HAND-HELD CLOTHES AIRING DEVICE

Title (de)
TRAGBARE WÄSCHESPINNE

Title (fr)
SÉCHOIR-PARAPLUIE PORTATIF

Publication
EP 3767025 A1 20210120 (EN)

Application
EP 20170233 A 20200417

Priority
CN 201910636432 A 20190715

Abstract (en)
A hand-held clothes airing device is disclosed, including a handle assembly (1), an airing device (2), a supporting device (3), a first hinged piece (21), a second hinged piece (34), an upper connection body (11), a lower connection body (6), an inner pipe (4) and an outer pipe (5); the handle assembly is fixedly connected to an upper end of the inner pipe; a lower end of the inner pipe is sleeved to an interior of the outer pipe and can be slid up and down in the outer pipe; the airing device is hinged to the upper connection body; the upper connection body is fixed on an upper end of the outer pipe; two ends of the first hinged piece are respectively hinged to the airing device and the handle assembly; the supporting device is hinged to the lower connection body; two ends of the second hinged piece are respectively hinged to the supporting device and the outer pipe; the lower connection body is slidably connected to the outer pipe; a sliding groove (24) is formed on a sidewall of the outer pipe; the lower connection body is fixedly connected to the lower end of the inner pipe; the airing device and the supporting device can be unfolded or folded; when the airing device is completely unfolded, the handle assembly is clamped with the upper connection body; and when the airing device is folded, the handle assembly is separated from the upper connection body. The present invention is convenient to operate, small in floor area and convenient to carry.

IPC 8 full level
D06F 57/04 (2006.01)

CPC (source: CN EP)
D06F 53/02 (2013.01 - CN); **D06F 57/04** (2013.01 - CN EP); **G05G 1/10** (2013.01 - CN)

Citation (search report)

- [A] DE 102012103956 A1 20131107 - LEIFHEIT AG [DE]
- [A] US 773787 A 19041101 - CROSSMAN ABNER [US], et al
- [A] US 2017086542 A1 20170330 - PAO CHIH-TING [TW]
- [A] GB 2108835 A 19830525 - BRIAN JOHN

Cited by
CN112386069A; CN113737476A

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)
EP 3767025 A1 20210120; **EP 3767025 B1 20211020**; CN 110258083 A 20190920; CN 110258083 B 20240130; ES 2904486 T3 20220405

DOCDB simple family (application)
EP 20170233 A 20200417; CN 201910636432 A 20190715; ES 20170233 T 20200417