

(12) International Application Status Report

Received at International Bureau: 05 December 2019 (05.12.2019)

Information valid as of: 23 April 2020 (23.04.2020)

Report generated on: 23 September 2020 (23.09.2020)

(10) Publication number:

WO2020/108374

(43) Publication date:

04 June 2020 (04.06.2020)

(26) Publication language:

Chinese (ZH)

(21) Application Number:

PCT/CN2019/119909

(22) Filing Date:

21 November 2019 (21.11.2019)

(25) Filing language:

Chinese (ZH)

(31) Priority number(s):

201811459285.X (CN)

(31) Priority date(s):

30 November 2018 (30.11.2018)

(31) Priority status:

Priority document received (in compliance with PCT Rule 17.1)

(51) International Patent Classification:

H04M 1/02 (2006.01); **F16C 11/00** (2006.01)

(71) Applicant(s):

VIVO MOBILE COMMUNICATION CO., LTD. [CN/CN]; #283, BBK Road, Wusha, Chang'an Dongguan, Guangdong 523860 (CN) (for all designated states)

(72) Inventor(s):

DENG, Yongjin; #283, BBK Road, Wusha, Chang'an Dongguan, Guangdong 523860 (CN)

MA, Jingqiu; #283, BBK Road, Wusha, Chang'an Dongguan, Guangdong 523860 (CN)

XU, Jingwei; #283, BBK Road, Wusha, Chang'an Dongguan, Guangdong 523860 (CN)

LUO, Zhengjun; #283, BBK Road, Wusha, Chang'an Dongguan, Guangdong 523860 (CN)

(74) Agent(s):

DRAGON INTELLECTUAL PROPERTY LAW FIRM; 10F, Bldg. 2, Maples International Center No. 32 Xizhimen North Street, Haidian District Beijing 100082 (CN)

(54) Title (EN): ROTARY CONNECTION ASSEMBLY AND FOLDING MOBILE TERMINAL

(54) Title (FR): ENSEMBLE DE CONNEXION ROTATIF ET TERMINAL MOBILE PLIABLE

(54) Title (ZH): 转动连接组件及折叠式移动终端

(57) Abstract:

(EN): Disclosed in the present invention is a rotary connection assembly, comprising a first base, a second base, and a connection support, wherein the second base is rotatably connected to the first base by means of the connection support; the connection support is slidably connected to the first base; the rotary connection assembly has an unfolding state and a folding state; under the folding state, the connection support slides into the first base; and under the unfolding state, at least part of the connection support slides out of the first base, and the second base rotates for a preset angle with respect to the first base.

(FR): La présente invention concerne un ensemble de connexion rotatif, comprenant une première base, une seconde base et un support de connexion, la seconde base étant reliée de manière rotative à la première base au moyen du support de connexion; le support de connexion étant relié de manière coulissante à la première base; l'ensemble de liaison rotatif a un état de dépliage et un état de pliage; dans l'état de pliage, le support de connexion coulisse dans la première base; et dans l'état de dépliage, au moins une partie du support de connexion coulisse hors de la première base, et la seconde base tourne d'un angle prédéfini par rapport à la première base.

(ZH): 本公开公开一种转动连接组件,包括第一基座、第二基座和连接支架,所述第二基座通过所述连接支架与所述第一基座转动相连,所述连接支架与所述第一基座滑动连接,所述转动连接组件具有展开状态和折叠状态,在所述折叠状态下,所述连接支架滑入所述第一基座之内;在所述展开状态下,至少部分所述连接支架从所述第一基座中滑出,且所述第二基座相对于所述第一基座转动预设角度。

International search report:

International Report on Patentability (IPRP) Chapter II of the PCT:

Not available

(81) Designated States:

AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW

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

African Intellectual Property Organization (OAPI) : BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG

African Regional Intellectual Property Organization (ARIPO) : BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW

Eurasian Patent Organization (EAPO) : AM, AZ, BY, KG, KZ, RU, TJ, TM