

(12) 按照专利合作条约所公布的国际申请

(19) 世界知识产权组织
国际局

(43) 国际公布日
2016 年 6 月 2 日 (02.06.2016)



(10) 国际公布号
WO 2016/082349 A1

- (51) 国际专利分类号:
D06F 57/00 (2006.01) *D06F 57/08* (2006.01)
- (21) 国际申请号: PCT/CN2015/072798
- (22) 国际申请日: 2015 年 2 月 11 日 (11.02.2015)
- (25) 申请语言: 中文
- (26) 公布语言: 中文
- (30) 优先权:
201420747696.X 2014 年 11 月 25 日 (25.11.2014) CN
- (72) 发明人: 及
- (71) 申请人: 陈钟鸾 (CHAN, Chung Luen) [CN/CN]; 中国广东省广州市荔湾区桥中南海路 15 号, Guangdong 510163 (CN)。
- (74) 代理人: 北京中博世达专利商标代理有限公司 (BEIJING ZBSD PATENT&TRADEMARK AGENT LTD.); 中国北京市海淀区交大东路 31 号 11 号楼 8 层, Beijing 100044 (CN)。
- (81) 指定国 (除另有指明, 要求每一种可提供的国家保护): 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, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JP, KE, KG, KN, KP, KR, 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。

- (84) 指定国 (除另有指明, 要求每一种可提供的地区保护): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW), 欧亚 (AM, AZ, BY, KG, KZ, RU, TJ, TM), 欧洲 (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), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG)。

本国际公布:

- 包括国际检索报告(条约第 21 条(3))。

(54) Title: TOUCH LIFTING FOLDABLE CLOTHES DRYING RACK

(54) 发明名称: 一触式升降折叠晾衣架

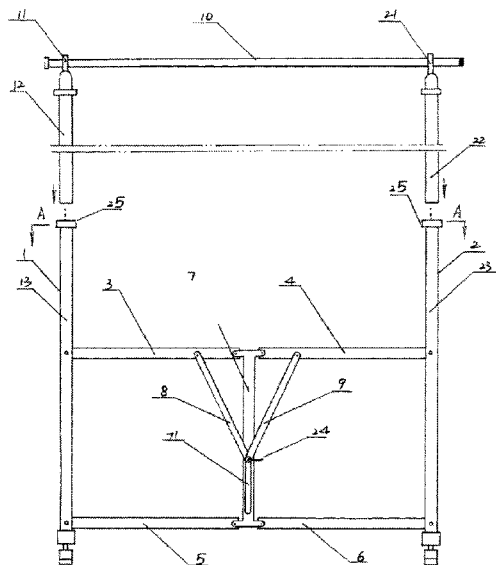


图 1 / Fig. 1

(57) Abstract: A touch lifting foldable clothes drying rack, the clothes drying rack being composed of a left frame (1), a right frame (2), a clothes drying rod (10), a left middle bracket (3), a right middle bracket (4), a left underframe (5), a right underframe (6), a left connecting rod (8), a connecting rod (7) and a right connecting rod (9). Hinge connections are provided between the left middle bracket (3) and the left frame (1), between the right middle bracket (4) and the right frame (2), between the left underframe (5) and the left frame (1), between the right underframe (6) and the right frame (2), between the connecting rod (7) and each of the left and right brackets (3,4) and the left and right underframes (5,6), between the left connecting rod (8) and the left middle bracket (3), between the right connecting rod (9) and the right middle bracket (4), and between the left connecting rod (8) and the right connecting rod (9). A sliding groove (71) is provided on the connecting rod (7), and the hinge between the left connecting rod (8) and the right connecting rod (9) is on the sliding groove (71). The clothes drying rod (10) is disposed on a retaining ring (11) of the left frame (1) and a retaining ring (21) of the right frame (2). The clothes drying rack conveniently stores clothes, is easy to accommodate, takes up a small area and is not limited to be used at specific locations.

(57) 摘要:

[见续页]

WO 2016/082349 A1



一种一触式升降折叠晾衣架，它由左框架(1)、右框架(2)、晒衣杆(10)、左中托架(3)、右中托架(4)、左底架(5)、右底架(6)、左连杆(8)、连接杆(7)、右连杆(9)组成，左中托架(3)与左框架(1)之间、右中托架(4)与右框架(2)之间、左底架(5)与左框架(1)之间、右底架(6)与右框架(2)之间、连接杆(7)与左、右中托架(3、4)和左、右底架(5、6)之间、左连杆(8)与左中托架(3)之间、右连杆(9)与右中托架(4)之间、左连杆(8)与右连杆(9)之间都是铰接，连接杆(7)上设有滑动槽(71)，左连杆(8)和右连杆(9)的铰接在滑动槽(71)上，晒衣杆(10)穿放在左框架(1)上的扣环(11)和右框架(2)的扣环(21)上。该晾衣架具有收取衣物方便、收藏方便、占地面积小、使用地点不受限制等优点。