



- (51) **International Patent Classification:**
B61L 5/02 (2006.01)
- (21) **International Application Number:**
PCT/IB2014/001885
- (22) **International Filing Date:**
23 May 2014 (23.05.2014)
- (25) **Filing Language:** English
- (26) **Publication Language:** English
- (30) **Priority Data:**
13/901,835 24 May 2013 (24.05.2013) US
1309419.8 24 May 2013 (24.05.2013) GB
- (71) **Applicant:** **SPX INTERNATIONAL LIMITED**
[GB/GB]; Bridgewater Place, Water Lane Leeds LS11
5DR (GB).
- (72) **Inventors:** **CHADDA, Iqbal Singh**; 23 Lea Close, Bishop
Stortford Essex CM23 5EA (GB). **PINK, Todd Chris-**
topher; 1826 Old Wood Road, Rockford, Illinois 61107
(US). **COOPER, James Ervin**; W151 N7648 Wood View
Drive, Menomonee Falls, Wisconsin 53051 (US).
- (81) **Designated States** (*unless otherwise indicated, for every
kind of national protection available*): 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, LT, 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) **Designated States** (*unless otherwise indicated, for every
kind of regional protection available*): ARIPO (BW, GH,
GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ,
UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ,
TM), European (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).

Published:

- *without international search report and to be republished
upon receipt of that report (Rule 48.2(g))*

(54) **Title:** RAILWAY POINT CRANK SYSTEM

(57) **Abstract:** The present invention relates to a linked crank mounting device for use with a switch rail, comprising: an input terminal or series of input terminals; an actuator; an output connector; and attachment means for rigidly attaching the linked crank mounting device relative to the railway; wherein the input terminal or terminals are for receiving input power, the output connector is directly or indirectly mechanically linked to at least one of a switch rail or an output connector of a further linked crank mounting device, and the actuator applies the input power to the output connector.

