

(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



(10) 国际公布号
WO 2020/249022 A1

(43) 国际公布日
2020 年 12 月 17 日 (17.12.2020)

(51) 国际专利分类号:
A62B 35/00 (2006.01)

(21) 国际申请号: PCT/CN2020/095432

(22) 国际申请日: 2020 年 6 月 10 日 (10.06.2020)

(25) 申请语言: 中文

(26) 公布语言: 中文

(30) 优先权:
201910504343.4 2019 年 6 月 12 日 (12.06.2019) CN

(71) 申请人: 北京国网富达科技发展有限公司(BEIJING GUOWANG FUDA SCIENCE AND TECHNOLOGY DEVELOPMENT CO., LTD.) [CN/CN]; 中国北京市丰台区南四环西路 188 号六区 13 楼, Beijing 100071 (CN)。

(72) 发明人: 吴建宁(WU, Jianning); 中国北京市丰台区南四环西路 188 号六区 13 楼, Beijing 100071 (CN)。

(74) 代理人: 北京高沃律师事务所(BEIJING GAOWO LAW FIRM); 中国北京市海淀区彩和坊路 11 号 6 层 602 室, Beijing 100080 (CN)。

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(54) Title: SELF-LOCKING DEVICE FOR ANTI-FALLING RAIL

(54) 发明名称: 一种防坠落轨道用自锁器

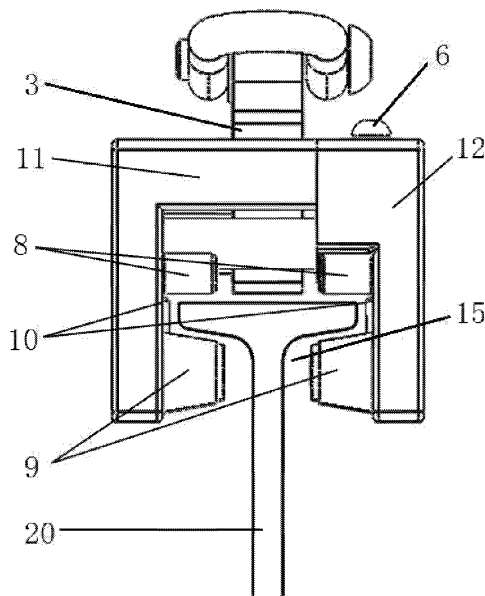


图 4

(57) Abstract: A self-locking device for an anti-falling rail, comprising a housing (1), a spring (2), a rotary rod (3) and a first connection shaft (4); the housing (1) comprises a fixed-side main body (11) and an open-side main body (12), the fixed-side main body (11) being detachably connected to the open-side main body (12), and two ends of the first connection shaft (4) are connected to the fixed-side main body (11) and the open-side main body (12) respectively; one end of the rotary rod (3) is located inside the housing (1), and the other end of the rotary rod (3) is located outside the housing (1); the spring (2) may make the rotary rod (3) rotate about the first connection shaft (4), and allows one end of the rotary rod (3) to abut against the front surface (21) of a wing board of an anti-falling rail (20). The present self-locking device is adapted to the size of a guide rail thereof, thereby solving the problem that existing self-locking devices are liable to jam and have unsmooth operations.

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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))。

(57) 摘要: 一种防坠落轨道用自锁器, 包括壳体(1)、弹簧(2)、旋转杆(3)和第一连接轴(4), 壳体(1)含有固定侧主体(11)和打开侧主体(12), 固定侧主体(11)与打开侧主体(12)可拆卸连接, 第一连接轴(4)的两端分别与固定侧主体(11)和打开侧主体(12)连接, 旋转杆(3)的一端位于壳体(1)内, 旋转杆(3)的另一端位于壳体(1)外, 弹簧(2)能够使旋转杆(3)以第一连接轴(4)为轴转动, 并使旋转杆(3)的一端与防坠落轨道(20)的翼板正面(21)抵接。该自锁器与其导轨尺寸相适应, 解决了目前自锁器易卡滞、运行不顺畅的问题。