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(54) Title (EN): KEY STRUCTURE AND TERMINAL

(54) Title (FR): STRUCTURE DE TOUCHE ET TERMINAL

(54) Title (ZH): 一种按键结构及终端

(57) Abstract:

(EN): A key structure and a terminal, wherein the key structure comprises a casing (20), a key assembly (10) and a circuit board assembly (30); the casing (20) is provided with a key hole (221); the key assembly (10) comprises a key (11), a safety arm (14) and a mounting seat (13); the key (11) and the mounting seat (13) are connected through an elastic arm (12), and the mounting seat (13) and the casing (20) are connected; a limiting portion (112) is arranged on the side, close to the safety arm (14), of the key (11), a convex portion (15) extending outward is arranged on the side, far away from the limiting portion (112), of the safety arm (14); the circuit board assembly (30) is connected with the casing (20), and is arranged on the side, far away from the casing (20), of the key assembly (10).

(FR): La présente invention concerne une structure de touche et un terminal, la structure de touche comprenant un boîtier (20), un ensemble touche (10) et un ensemble carte de circuit imprimé (30); le boîtier (20) est pourvu d'un trou de touche (221); l'ensemble touche (10) comprend une touche (11), un bras de sécurité (14) et un siège de montage (13); la touche (11) et le siège de montage (13) sont reliés par l'intermédiaire d'un bras élastique (12), et le siège de montage (13) et le boîtier (20) sont reliés; une partie de limitation (112) est disposée sur le côté, à proximité du bras de sécurité (14), de la touche (11), une partie convexe (15) s'étendant vers l'extérieur est disposée sur le côté, éloigné de la partie de limitation (112), du bras de sécurité (14); l'ensemble carte de circuit imprimé (30) est relié au boîtier (20), et est disposé sur le côté, éloigné du boîtier (20), de l'ensemble touche (10).

(ZH): 一种按键结构及终端,按键结构包括外壳(20)、按键组件(10)和电路板组件(30);外壳(20)设有按键孔(221);按键组件(10)包括按键(11)、安全臂(14)和安装座(13);按键(11)与安装座(13)通过弹性臂(12)连接,安装座(13)与外壳(20)相连接;在按键(11)靠近安全臂(14)的一侧设有限位部(112),安全臂(14)远离限位部(112)的一侧设有向外伸出的外凸部(15);电路板组件(30)与外壳(20)相连接,并位于按键组件(10)远离外壳(20)的一侧。

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Declaration of inventorship (Rules 4.17(iv) and 51bis.1(a)(iv)) for the purposes of the designation of the United States of America