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(54) Title (EN): ANTENNA STRUCTURE AND TERMINAL DEVICE USING SAME

(54) Title (FR): STRUCTURE D'ANTENNE ET BORNE UTILISANT LADITE STRUCTURE

(54) Title (ZH): 天线结构及采用该天线结构的终端设备

(57) Abstract:

(EN): Disclosed are an antenna structure and a terminal device using same. With regard to the technical limitations brought about by an existing metal frame solution, better antenna gain and bandwidth are obtained in the present application by means of a metal frame slotting mode for enhancing the strength of coupling between different antenna branches, thereby further ensuring antenna performance. In addition, the antenna structure is also suitable for a mobile terminal product realized by means of the solution of a pure metal frame or an in-mold injection molded metal frame.

(FR): Sont divulgués une structure d'antenne et une borne utilisant ladite structure. En ce qui concerne les limitations techniques provoquées par une solution de cadre métallique existante, un meilleur gain d'antenne et une meilleure largeur de bande sont obtenus dans la présente invention au moyen d'un mode de rainurage de cadre métallique pour améliorer la résistance de couplage entre différentes branches d'antenne, ce qui permet en outre d'assurer une performance d'antenne. De plus, la structure d'antenne est également appropriée pour un produit de terminal mobile réalisé au moyen de la solution d'un cadre métallique pur ou d'un cadre métallique moulé par injection dans le moule.

(ZH): 本申请实施例披露一种天线结构及采用该天线结构的终端设备,其为了现有金属边框方案所带来的技术限制,通过一种增强不同天线枝节间耦合强度的金属边框开槽方式,以获得更好的天线增益和带宽,从而进一步保证天线性能。另外,该天线结构也适用于纯金属边框或模内注塑金属边框方案的移动终端产品。

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