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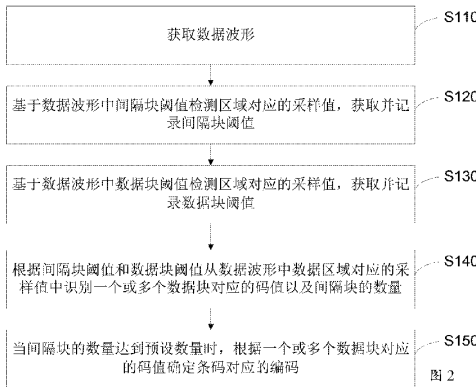
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(81) 指定国(除另有指明, 要求每一种可提供的国家保护): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU,

(54) Title: CARD, BARCODE RECOGNITION METHOD AND APPARATUS, ELECTRONIC DEVICE, AND STORAGE MEDIUM

(54) 发明名称: 一种卡片以及条码识别方法、装置、电子设备及存储介质



S110 Acquire a data waveform  
S120 On the basis of sampling values corresponding to a gap block threshold detection region in the data waveform, acquire a gap block threshold and record same  
S130 On the basis of sampling values corresponding to a data block threshold detection region in the data waveform, acquire a data block threshold and record same  
S140 On the basis of the gap block threshold and the data block threshold, identify, from sampling values corresponding to a data region in the data waveform, code values corresponding to one or more data blocks and the number of gap blocks  
S150 When the number of gap blocks reaches a preset number, on the basis of the code values corresponding to the one or more data blocks, determine a code corresponding to a barcode

(57) Abstract: Provided in the present disclosure are a card, a barcode recognition method and apparatus, an electronic device, and a storage medium. The method comprises: acquiring a data waveform; on the basis of sampling values corresponding to a gap block threshold detection region in the data waveform, acquiring a gap block threshold and recording same; on the basis of sampling values corresponding to a data block threshold detection region in the data waveform, acquiring a data block threshold and recording same; on the basis of the gap block threshold and the data block threshold, identifying, from sampling values corresponding to a data region in the data waveform, code values corresponding to one or more data blocks and the number of gap blocks; and when the number of gap blocks reaches a preset number, on the basis of the code values corresponding to the one or more data blocks, determining a code corresponding to a barcode. In this way, power-free recognition for a barcode on a card is realized, such that the impact of the material of the card and the material of the barcode on a recognition result is reduced to a certain extent, thereby improving the accuracy of a recognition result.

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- (84) 指定国(除另有指明, 要求每一种可提供的地区保护): ARIPO (BW, CV, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SC, 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, ME, 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))。

(57) 摘要: 本公开提供了一种卡片以及条码识别方法、装置、电子设备及存储介质, 其中, 方法包括: 获取数据波形; 基于数据波形中间隔块阈值检测区域对应的采样值, 获取并记录间隔块阈值; 基于数据波形中数据块阈值检测区域对应的采样值, 获取并记录数据块阈值; 根据间隔块阈值和数据块阈值从数据波形中数据区域对应的采样值中识别一个或多个数据块对应的码值以及间隔块的数量; 当间隔块的数量达到预设数量时, 根据一个或多个数据块对应的码值确定条码对应的编码。如此实现了对卡片上的条码的无电识别, 在一定程度上降低了卡片材质、条码材质对识别结果的影响, 提高了识别结果的准确性。