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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: METHOD AND APPARATUS FOR DISPLAYING VIRTUAL PICTURE OF GROUND SURFACE, STORAGE MEDIUM, AND ELECTRONIC DEVICE

(54) 发明名称: 地表虚拟画面的显示方法和装置、存储介质及电子设备

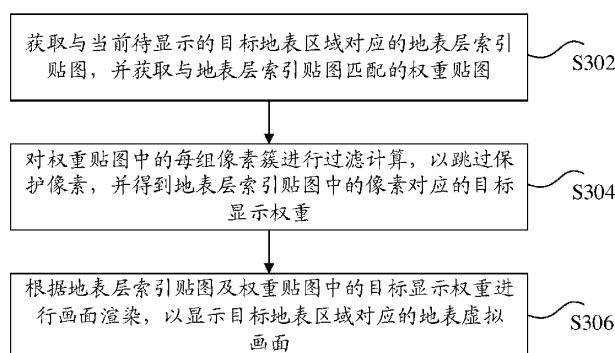


图 3

- S302 Obtain a ground surface layer index map corresponding to a target ground surface area to be displayed currently, and obtain a weight map matching the ground surface layer index map
- S304 Filter and calculate each group of pixel clusters in the weight map so as to skip protected pixels and obtain a target display weight corresponding to a pixel in the ground surface layer index map
- S306 Render a picture according to the ground surface layer index map and the target display weight in the weight map so as to display a virtual picture of the ground surface corresponding to the target ground surface area

(57) Abstract: Disclosed are a method and apparatus for displaying a virtual picture of the ground surface, a storage medium, and an electronic device. Said method comprises: obtaining a ground surface layer index map corresponding to a target ground surface area to be displayed currently, as well as a weight map matching the ground surface layer index map, each pixel in each image color channel in the ground surface layer index map being used for storing an index value of a ground surface layer in a texture array, and correspondingly storing a display weight cluster of one ground surface layer in a group of pixel clusters in each image color channel of the weight map; filtering and calculating each group of pixel clusters in the weight map so as to skip protected pixels and obtain a target

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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, GH, GM, KE, LR, LS, MW, MZ, NA, RW, 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, 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)。

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display weight corresponding to a pixel in the ground surface layer index map; and rendering a picture according to the ground surface layer index map and the target display weight in the weight map so as to display a virtual picture of the ground surface corresponding to the target ground surface area.

(57) 摘要: 本发明公开了一种地表虚拟画面的显示方法和装置、存储介质及电子设备。该方法包括: 获取与当前待显示的目标地表区域对应的地表层索引贴图, 和与地表层索引贴图匹配的权重贴图, 地表层索引贴图每个图像色彩通道下的每个像素中用于存储一个地表层在纹理数组中的索引值, 在权重贴图的每个图像色彩通道下的一组像素簇中将对应存储一个地表层的显示权重簇; 对权重贴图每组像素簇进行过滤计算, 以跳过保护像素, 并得到地表层索引贴图中的像素对应的目标显示权重; 根据地表层索引贴图及权重贴图中的目标显示权重进行画面渲染, 以显示目标地表区域对应的地表虚拟画面。