

(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

(43) 国际公布日
2013 年 9 月 6 日 (06.09.2013)



(10) 国际公布号
WO 2013/127308 A1

- (51) 国际专利分类号:
G06F 3/048 (2013.01) H04N 5/265 (2006.01)
H04N 21/472 (2011.01)
- (21) 国际申请号: PCT/CN2013/071713
- (22) 国际申请日: 2013 年 2 月 21 日 (21.02.2013)
- (25) 申请语言: 中文
- (26) 公布语言: 中文
- (30) 优先权:
201210052872.3 2012 年 3 月 2 日 (02.03.2012) CN
- (71) 申请人: 腾讯科技(深圳)有限公司 (TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED) [CN/CN]; 中国广东省深圳市福田区振兴路赛格科技园 2 栋东 403 室, Guangdong 518044 (CN)。
- (72) 发明人: 丘正元 (QIU, Zhengyuan); 中国广东省深圳市福田区振兴路赛格科技园 2 栋东 403 室, Guangdong 518044 (CN)。

(74) 代理人: 北京德琦知识产权代理有限公司 (DEQI INTELLECTUAL PROPERTY LAW CORPORATION); 中国北京市海淀区知春路 1 号学院国际大厦 7 层, Beijing 100083 (CN)。

(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, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW。

(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, 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,

[见续页]

(54) Title: APPLICATION DISPLAY METHOD AND TERMINAL

(54) 发明名称: 一种应用展示方法以及一种终端

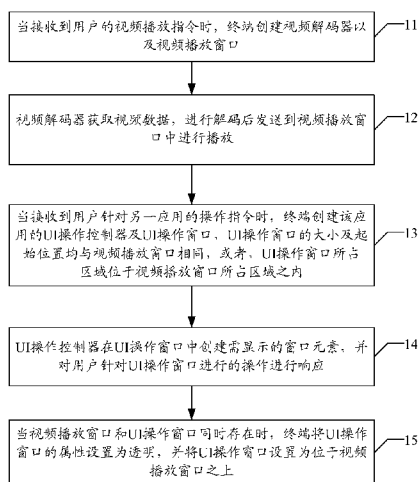


图 1 / FIG. 1

11 When receiving a video playing instruction from a user, the terminal creates a video decoder and a video playing window
12 The video decoder acquires video data, and sends the video data to the video playing window to play after the video data are decoded
13 When receiving an operation instruction for another application from the user, the terminal creates the UI operation controller and UI operation window of the application, the size and the starting position of the UI operation window are the same with the video playing window, or the area occupied by the UI operation window locates within the area occupied by the video playing window
14 The UI operation controller creates window elements to be displayed on the UI operation window, and responds to operations to the UI operation window from the user
15 When the video playing window and the UI operation window are present concurrently, the terminal sets the attributes of the UI operation window to be transparent, and also sets the UI operation window located on top of the video playing window

(57) Abstract: Disclosed are an application display method and a terminal: when receiving an operation instruction for an application from a user, the terminal creates a user interface (UI) operation controller and a UI operation window of the application. Wherein, if a video playing instruction for a video application is received, the created UI operation controller is a video decoder, the created UI operation window is a video playing window, and the video playing window displays in a designated area of the UI provided by the terminal. If an operation instruction for other applications is received, the created UI operation window overlaps with or locates within the designated area. When the video playing window and the UI operation window display concurrently in the UI, the terminal sets the attributes of the UI operation window to be transparent or semi-transparent, and also sets the UI operation window located on top of the video playing window. Applying the proposal of the present invention can improve the utilizing ratio of the terminal screen.

(57) 摘要: 本发明公开了应用展示方法和终端: 当收到用户针对一应用发出的操作指令时, 终端创建所述应用的用户界面 (UI) 操作控制器 UI 操作窗口; 其中, 若收到针对视频应用的视频播放指令, 则所创建的 UI 操作控制器为视频解码器, 所创建的 UI 操作窗口为视频播放窗口, 并且所述视频播放窗口展示在所述终端提供的 UI 中的指定区域; 若收到针对其他应用的操作指令, 所创建的 UI 操作窗口与所述指定区域重合或者位于所述指定区域之内; 当所述视频播放窗口和所述 UI 操作窗口同时展示在所述 UI 中时, 所述终端将所述 UI 操作窗口的属性设置为透明或半透明, 并将所述 UI 操作窗口设置为位于所述视频播放窗口之上。应用本发明所述方案, 能够提高终端屏幕的利用率。



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, 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))。