

(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
2024 年 5 月 16 日 (16.05.2024)



(10) 国际公布号
WO 2024/099280 A1

(51) 国际专利分类号:
H04N 21/44 (2011.01)

(21) 国际申请号: PCT/CN2023/130021

(22) 国际申请日: 2023 年 11 月 6 日 (06.11.2023)

(25) 申请语言: 中文

(26) 公布语言: 中文

(30) 优先权:
202211387598.5 2022 年 11 月 7 日 (07.11.2022) CN

(71) 申请人: 北京字跳网络技术有限公司
(BEIJING ZITIAO NETWORK TECHNOLOGY CO., LTD.) [CN/CN]; 中国北京市海淀区紫金数码园 4 号楼 2 层 0207, Beijing 100190 (CN)。

(72) 发明人: 张道然 (ZHANG, Xiaoran); 中国北京市朝阳区七圣中街 12 号院融中心 B1 小邮局, Beijing 100028 (CN)。张源 (ZHANG, Yuan); 中国北京市朝阳区七圣中街 12 号院融中心 B1 小邮局, Beijing 100028 (CN)。查心怡 (ZHA, Xinyi); 中国北京市朝阳区七圣中街 12 号院融中心 B1 小邮局, Beijing

100028 (CN)。姜之睿 (JIANG, Zhirui); 中国北京市朝阳区七圣中街 12 号院融中心 B1 小邮局, Beijing 100028 (CN)。申敏 (SHEN, Min); 中国北京市朝阳区七圣中街 12 号院融中心 B1 小邮局, Beijing 100028 (CN)。张瑜 (ZHANG, Yu); 中国北京市朝阳区七圣中街 12 号院融中心 B1 小邮局, Beijing 100028 (CN)。何彦 (HE, Yan); 中国北京市朝阳区七圣中街 12 号院融中心 B1 小邮局, Beijing 100028 (CN)。邱嘉慧 (QIU, Jiahui); 中国北京市朝阳区七圣中街 12 号院融中心 B1 小邮局, Beijing 100028 (CN)。向上上 (XIANG, Shangshang); 中国北京市朝阳区七圣中街 12 号院融中心 B1 小邮局, Beijing 100028 (CN)。马龙 (MA, Long); 中国北京市朝阳区七圣中街 12 号院融中心 B1 小邮局, Beijing 100028 (CN)。

(74) 代理人: 北京市金杜律师事务所 (KING & WOOD MALLESONS); 中国北京市朝阳区东三环中路 1 号环球金融中心办公楼东楼 20 层, Beijing 100020 (CN)。

(54) Title: VIDEO EDITING METHOD AND APPARATUS, ELECTRONIC DEVICE, AND STORAGE MEDIUM

(54) 发明名称: 视频编辑方法、装置、电子设备以及存储介质

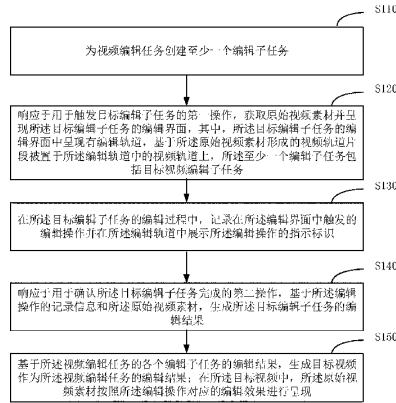


图 1

- S110 Create at least one editing subtask for a video editing task
S120 In response to a first operation for triggering a target editing subtask, obtain an original video material, and present an editing interface of the target editing subtask, wherein the editing interface of the target editing subtask presents an editing track, a video track clip formed on the basis of the original video material is placed on a video track in the editing track, and the at least one editing subtask comprises a target video editing subtask
S130 In the editing process of the target editing subtask, record an editing operation triggered in the editing interface and display an indicator of the editing operation in the editing track
S140 In response to a second operation for confirming that the target editing subtask has been completed, generate an editing result of the target editing subtask on the basis of the recorded information of the editing operation and the original video material
S150 Generate a target video on the basis of editing results of the editing subtasks of the video editing task as an editing result of the video editing task; in the target video, the original video material being presented according to an editing effect corresponding to the editing operation

(57) Abstract: Embodiments of the present disclosure provide a video editing method and apparatus, an electronic device, and a storage medium. The method comprises: creating at least one editing subtask for a video editing task; in response to a first operation for triggering a target editing subtask, obtaining an original video material, and presenting an editing interface of the target editing subtask; recording an editing operation triggered in the editing interface, and displaying an indicator of the editing operation in an editing track; generating an editing result of the target editing subtask on the basis of the recorded information of the editing operation and the original video material; and generating a target video on the basis of editing results of the editing subtasks of the video editing task as an editing result of the video editing task. According to the technical solution of the present disclosure, video editing is guided to be completed by means of different editing subtasks, the video editing complexity is simplified, and even if an editing error occurs during editing, an editing subtask in which the error has occurred can be re-edited, thereby improving the video editing generation efficiency.

[见续页]

(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, CV, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IQ, IR, IS, IT, JM, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, MG, MK, MN, MU, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, WS, 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, 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))。
— 在修改权利要求的期限届满之前进行, 在收到该修改后将重新公布(细则48.2(h))。

(57) 摘要: 本公开实施例提供了一种视频编辑方法、装置、电子设备以及存储介质。所述方法包括: 为视频编辑任务创建至少一个编辑子任务; 响应于用于触发目标编辑子任务的第一操作, 获取原始视频素材并呈现目标编辑子任务的编辑界面, 记录在编辑界面中触发的编辑操作并在编辑轨道中展示编辑操作的指示标识; 基于编辑操作的记录信息和原始视频素材生成目标编辑子任务的编辑结果; 基于视频编辑任务的各个编辑子任务的编辑结果生成目标视频作为视频编辑任务的编辑结果。本公开技术方案通过不同的编辑子任务引导完成视频编辑, 简化视频编辑复杂度, 并且编辑过程中即便出现编辑错误, 可以对出现错误的编辑子任务重新编辑, 提高了视频编辑生成的效率。