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(71) 申请人: 支付宝 (杭州) 信息技术有限公司 (ALIPAY (HANGZHOU) INFORMATION TECHNOLOGY CO., LTD.) [CN/CN]; 中国浙江省杭州市西湖区西溪路 556 号 8 层 B 段 801-11 310000 (CN)。

(72) 发明人: 杨健星 (YANG, Jianxing); 中国浙江省杭州市西湖区西溪路 556 号 8 层 B 段 801-11 310000 (CN)。

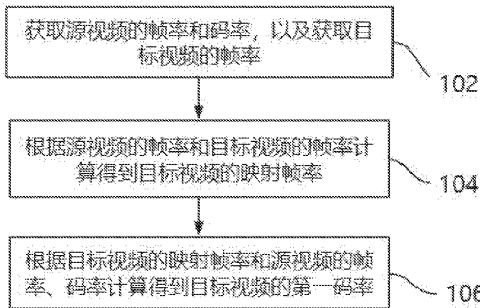
(74) 代理人: 北京博思佳知识产权代理有限公司 (BEIJING BESTIPR INTELLECTUAL PROPERTY LAW CORPORATION); 中国北京市海淀区上地三街 9 号嘉华大厦 B 座 409 100085 (CN)。

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(54) Title: VIDEO BITRATE CALCULATION METHOD AND SYSTEM

(54) 发明名称: 一种视频码率计算方法及系统



102 Acquire a frame rate and a bitrate of a source video, and acquire a frame rate of a target video
104 On the basis of the frame rate of the source video and the frame rate of the target video, obtain a mapping frame rate of the target video by means of calculation
106 On the basis of the mapping frame rate of the target video and the frame rate and bitrate of the source video, obtain a first bitrate of the target video by means of calculation

图 1

(57) Abstract: Disclosed in the embodiments of the present description are a video bitrate calculation method and system. The method comprises: acquiring a frame rate and a bitrate of a source video, and acquiring a frame rate of a target video; on the basis of the frame rate of the source video and the frame rate of the target video, obtaining a mapping frame rate of the target video by means of calculation; and on the basis of the mapping frame rate of the target video and the frame rate and bitrate of the source video, obtaining a first bitrate of the target video by means of calculation. The system comprises: a frame rate and bitrate acquisition module, which is used for acquiring a frame rate and a bitrate of a source video, and acquiring a frame rate of a target video; a mapping frame rate calculation module, which is used for obtaining, on the basis of the frame rate of the source video and the frame rate of the target video, a mapping frame rate of the target video by means of calculation; and a first bitrate calculation module, which is used for obtaining, on the basis of the mapping frame rate of the target video and the frame rate and bitrate of the source video, a first bitrate of the target video by means of calculation.

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WO 2025/123984 A1

(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: 本说明书实施例公开了一种视频码率计算方法及系统。该方法包括: 获取源视频的帧率和码率, 以及获取目标视频的帧率; 根据源视频的帧率和目标视频的帧率计算得到目标视频的映射帧率; 根据目标视频的映射帧率和源视频的帧率、码率计算得到目标视频的第一码率。该系统包括: 帧率码率获取模块, 用于获取源视频的帧率和码率, 以及获取目标视频的帧率; 映射帧率计算模块, 用于根据源视频的帧率和目标视频的帧率计算得到目标视频的映射帧率; 第一码率计算模块, 用于根据目标视频的映射帧率和源视频的帧率、码率计算得到目标视频的第一码率。