

(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



(10) 国际公布号
WO 2019/223394 A1

(43) 国际公布日
2019 年 11 月 28 日 (28.11.2019) **WIPO | PCT**

(51) 国际专利分类号:
G06F 16/00 (2019.01)

(21) 国际申请号: PCT/CN2019/076817

(22) 国际申请日: 2019 年 3 月 4 日 (04.03.2019)

(25) 申请语言: 中文

(26) 公布语言: 中文

(30) 优先权:
201810513535.7 2018 年 5 月 25 日 (25.05.2018) CN

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(54) **Title:** METHOD AND APPARATUS FOR GENERATING LYRICS, METHOD AND APPARATUS FOR DISPLAYING LYRICS, ELECTRONIC DEVICE, AND STORAGE MEDIUM

(54) 发明名称: 生成歌词、显示歌词的方法、装置、电子设备及存储介质

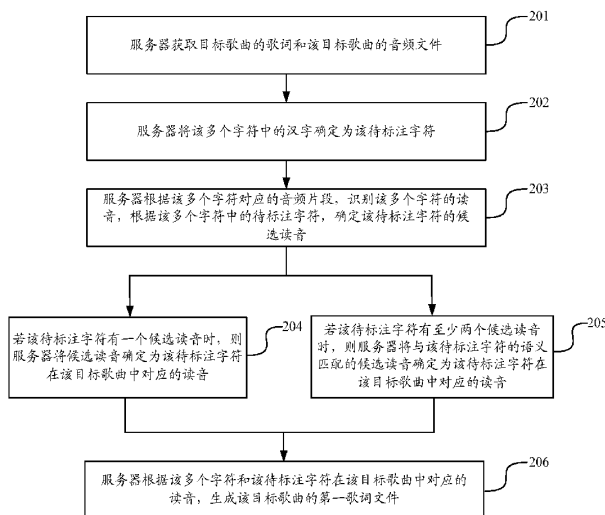


图 2

(57) **Abstract:** The present invention relates to the technical field of Internet. Disclosed are a method and an apparatus for generating lyrics, a method and an apparatus for displaying lyrics, an electronic device, and a storage medium. The method comprises: obtaining the lyrics of a target song and an audio file of the target song; determining, according to a character to be marked among a plurality of characters in the lyrics and audio segments corresponding to the plurality of characters in the audio file, a candidate pronunciation of said character to be marked; if said character has one candidate pronunciation, determining the candidate pronunciation as the corresponding pronunciation of said character in the target song; if said character has at least two candidate pronunciations, determining

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the candidate pronunciation semantically matching said character as the corresponding pronunciation of said character in the target song; and generating a first lyric file of the target song according to the plurality of characters and the corresponding pronunciation of said character to be marked in the target song, so that the pronunciation can be displayed simultaneously during the display of the lyrics, thereby ensuring that a user can sing the pronunciation of each character correctly.

(57) 摘要: 本发明公开了一种生成歌词、显示歌词的方法、装置、电子设备及存储介质, 属于互联网技术领域。方法包括: 获取目标歌曲的歌词和目标歌曲的音频文件; 根据歌词内多个字符中的待标注字符和音频文件中多个字符对应的音频片段, 确定该待标注字符的候选读音; 若该待标注字符有一个候选读音时, 则该候选读音确定为该待标注字符在该目标歌曲中对应的读音; 若该待标注字符有至少两个候选读音时, 则与该待标注字符的语义匹配的候选读音确定为该待标注字符在该目标歌曲中对应的读音; 根据多个字符和待标注字符在目标歌曲中对应的读音, 生成目标歌曲的第一歌词文件, 使得后续在显示歌词时, 可以同步显示读音, 保证用户可以基于正确演唱每个字符的读音。