

Title (en)
DELAYED AUDIO FOLLOWING

Title (de)
VERFOLGUNG EINES VERZÖGERTEN AUDIOSIGNALS

Title (fr)
SUIVI D'AUDIO RETARDÉ

Publication
EP 4104457 A1 20221221 (EN)

Application
EP 21754163 A 20210212

Priority
• US 202062976986 P 20200214
• US 2021017971 W 20210212

Abstract (en)
[origin: WO2021163573A1] Disclosed herein are systems and methods for presenting mixed reality audio. In an example method, audio is presented to a user of a wearable head device. A first position of the user's head at a first time is determined based on one or more sensors of the wearable head device. A second position of the user's head at a second time later than the first time is determined based on the one or more sensors. An audio signal is determined based on a difference between the first position and the second position. The audio signal is presented to the user via a speaker of the wearable head device. Determining the audio signal comprises determining an origin of the audio signal in a virtual environment. Presenting the audio signal to the user comprises presenting the audio signal as if originating from the determined origin. Determining the origin of the audio signal comprises applying an offset to a position of the user's head.

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