



US 20230232063A1

(19) **United States**(12) **Patent Application Publication**
HEO et al.(10) **Pub. No.: US 2023/0232063 A1**(43) **Pub. Date: Jul. 20, 2023**(54) **ELECTRONIC DEVICE FOR PERFORMING
SYNCHRONIZATION OF VIDEO DATA AND
AUDIO DATA, AND CONTROL METHOD
THEREFOR**(71) Applicant: **SAMSUNG ELECTRONICS CO.,
LTD., Suwon-si (KR)**(72) Inventors: **Jin HEO, Suwon-si (KR); Wonki
KIM, Suwon-si (KR); Hyejeong
PARK, Suwon-si (KR); Jiyoung
BANG, Suwon-si (KR); Jaehyeon
JEONG, Suwon-si (KR); Keunha
CHOI, Suwon-si (KR)**(21) Appl. No.: **18/190,981**(22) Filed: **Mar. 28, 2023****Related U.S. Application Data**(63) Continuation of application No. PCT/KR2021/
013134, filed on Sep. 27, 2021.(30) **Foreign Application Priority Data**

Sep. 28, 2020 (KR) 10-2020-0126272

Publication Classification(51) **Int. Cl.****H04N 21/43** (2006.01)**H04N 21/41** (2006.01)**H04N 21/439** (2006.01)**H04N 21/44** (2006.01)(52) **U.S. Cl.**CPC **H04N 21/4307** (2013.01); **H04N 21/41**
(2013.01); **H04N 21/4394** (2013.01); **H04N**
21/44008 (2013.01)

(57)

ABSTRACT

An electronic device for use with an external electronic device includes a touchscreen display, at least one speaker, and at least one processor. The at least one processor may obtain a user input for outputting video data of a first medium while audio data of the first medium is output through the at least one speaker, identify a point of time when the audio data is output through the at least one speaker, based on the obtained user input, determine a point of time when the video data is to be output through the touchscreen display or an external electronic device, by a delay time calculated at least based on the identified point of time, and control the touchscreen display or the external electronic device such that the video data is output through the touchscreen display or the external electronic device at the determined point of time.

