

Title (en)

SELECTION OF MASTER DEVICE FOR SYNCHRONIZED AUDIO

Title (de)

AUSWAHL EINER MASTER-VORRICHTUNG FÜR SYNCHRONISIERTES AUDIO

Title (fr)

SÉLECTION DE DISPOSITIF MAÎTRE POUR AUDIO SYNCHRONISÉ

Publication

EP 3583509 A4 20201118 (EN)

Application

EP 18753983 A 20180214

Priority

- US 201715433874 A 20170215
- US 201715433920 A 20170215
- US 201715433953 A 20170215
- US 2018018233 W 20180214

Abstract (en)

[origin: WO2018152242A1] Synchronized output of audio on a group of devices can comprise sending audio data from an audio distribution master device to one or more slave devices in the group. Scores can be assigned to respective audio playback devices, the scores being indicative of a performance level of the respective audio playback devices acting as a master device. The device with the highest score is designated as a candidate master device and one or more remaining devices are designated as a candidate slave(s). A throughput test is conducted with the highest scoring device acting as the candidate master device. The results of the throughput test are used to determine a master device for a group of devices. Latency of the throughput test can be reduced by using a prescribed time period for completion of the throughput test, and/or by selecting a first group configuration to pass the throughput test.

IPC 8 full level

G06F 17/00 (2019.01); **G06F 3/16** (2006.01); **G06F 15/16** (2006.01); **G06F 15/76** (2006.01); **H04J 3/06** (2006.01); **H04J 3/12** (2006.01); **H04N 21/43** (2011.01); **H04N 21/436** (2011.01); **H04N 21/4363** (2011.01); **H04N 21/442** (2011.01); **H04N 21/81** (2011.01)

CPC (source: EP US)

G06F 3/165 (2013.01 - EP); **G06F 3/167** (2013.01 - EP); **G06F 15/76** (2013.01 - EP); **H04N 21/43076** (2020.08 - EP US); **H04N 21/43615** (2013.01 - EP); **H04N 21/43637** (2013.01 - EP); **H04N 21/44227** (2013.01 - EP); **H04N 21/8113** (2013.01 - EP)

Citation (search report)

- [Y] WO 2015174753 A1 20151119 - SAMSUNG ELECTRONICS CO LTD [KR]
- [Y] US 9431021 B1 20160830 - SCALISE ALBERT M [US], et al
- [Y] US 2014098713 A1 20140410 - BECKHARDT STEVEN [US], et al
- [Y] WO 2014043405 A1 20140320 - DTS INC [US]
- See also references of WO 2018152242A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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