

Title (en)
SYSTEM AND METHOD FOR SYNCHRONIZATION OF HAPTIC DATA AND MEDIA DATA

Title (de)
SYSTEM UND VERFAHREN ZUR SYNCHRONISIERUNG VON HAPTISCHEN DATEN UND MEDIENDATEN

Title (fr)
SYSTÈME ET PROCÉDÉ PERMETTANT LA SYNCHRONISATION DE DONNÉES HAPTQUES ET DE DONNÉES MULTIMÉDIA

Publication
EP 2904811 A1 20150812 (EN)

Application
EP 13844184 A 20130926

Priority
• US 201213633016 A 20121001
• US 2013062049 W 20130926

Abstract (en)
[origin: WO2014055329A1] Embodiments of the present invention relate to computer systems for transmitting or receiving and playing a plurality of data streams, where at least one of the data streams includes video data packets and/or audio data packets and at least one other data stream includes further data packets that are synchronized with the video and/or audio data packets. In particular embodiments, the further data stream includes haptic data packets that include haptic command data generated in real time with the video and/or audio data streams, where the haptic command data is provided to a haptic output device configured to replicate or approximate sensations through the output of one or more mechanical forces in synchronization with the playing of video and/or audio from the video and/or audio data streams.

IPC 8 full level
H04N 21/23 (2011.01); **H04N 21/236** (2011.01); **H04N 21/2368** (2011.01); **H04N 21/242** (2011.01); **H04N 21/43** (2011.01); **H04N 21/8547** (2011.01)

CPC (source: EP US)
G06F 3/016 (2013.01 - EP); **H04L 12/6418** (2013.01 - EP); **H04N 21/23614** (2013.01 - EP); **H04N 21/2368** (2013.01 - EP); **H04N 21/242** (2013.01 - EP); **H04N 21/43072** (2020.08 - EP US); **H04N 21/8547** (2013.01 - EP)

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2014055329 A1 20140410; CA 2890399 A1 20140410; EP 2904811 A1 20150812; EP 2904811 A4 20160525

DOCDB simple family (application)
US 2013062049 W 20130926; CA 2890399 A 20130926; EP 13844184 A 20130926