

Title (en)
SEAMLESS AUDIO TRANSFER IN A MULTI-PROCESSOR AUDIO SYSTEM

Title (de)
NAHTLOSE AUDIOÜBERGABE IN EINEM MEHRPROZESSOR-AUDIOSYSTEM

Title (fr)
TRANSFERT AUDIO CONTINU DANS UN SYSTÈME AUDIO MULTIPROCESSEUR

Publication
EP 3935505 A1 20220112 (DE)

Application
EP 20710850 A 20200305

Priority

- DE 102019203130 A 20190307
- EP 2020055803 W 20200305

Abstract (en)
[origin: WO2020178369A1] The invention relates to a computing unit (1) for an audio system of a vehicle (2). The computing unit (1) has a first computing node (10), a second computing node (20) and a program memory (30), the program memory (30) being designed to be written to by the first computing node (10) and by the second computing node (20). The computing unit (1) is designed such that, after the computing unit (1) has started, the first computing node (10) calculates an audio output and writes said audio output into the program memory (30). Furthermore, the computing unit (1) is designed to transfer the calculation of the audio output from the first computing node (10) to the second computing node (20) when the program memory (30) is written to by the first computing node (10) up to a predefined point and when the second computing node (20) is ready for operation. The second computing node (20) is designed to calculate the audio output and write the audio output into the program memory (30) after the transfer.

IPC 8 full level
G06F 9/54 (2006.01); **G06F 15/167** (2006.01)

CPC (source: EP US)
G06F 9/544 (2013.01 - EP); **H04R 5/04** (2013.01 - US); **H04R 2420/01** (2013.01 - US); **H04R 2499/13** (2013.01 - US)

Citation (search report)
See references of WO 2020178369A1

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)
DE 102019203130 A1 20200910; CN 113454599 A 20210928; EP 3935505 A1 20220112; US 2022191616 A1 20220616;
WO 2020178369 A1 20200910

DOCDB simple family (application)
DE 102019203130 A 20190307; CN 202080015489 A 20200305; EP 2020055803 W 20200305; EP 20710850 A 20200305;
US 202017593039 A 20200305