

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.

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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

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Designated extension state (EPC)  
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