

Title (en)
DEVICE FOR STORING AUDIO/VIDEO DATA AND NON AUDIO/VIDEO DATA

Title (de)
VORRICHTUNG UM AUDIO/VIDEO-DATEN UND NICHT AUDIO/VIDEO-DATEN ZU SPEICHERN

Title (fr)
DISPOSITIF SERVANT A STOCKER DES DONNEES AUDIO/VIDEO ET D'AUTRES DONNEES

Publication
EP 1228436 A1 20020807 (EN)

Application
EP 00980330 A 20001108

Priority
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Abstract (en)
[origin: WO0135232A1] A media storage device (62) utilizes a dynamic partitioning method in order to store data on media (80) within the media storage device. The media storage device (62) stores a first type or group of data (116-120) on the media (80) to increasing addresses beginning at the lowest address within the partition. A first pointer is maintained at a location above which there is none of the first type of data stored on the media (80). A second type or group of data (102-112) is stored on the media (80) to decreasing addresses beginning at the highest address within the partition. A second pointer is maintained at a location below which there is none of the second type of data of the first and second types stored on the media (80). The locations of the first and second pointers dynamically change as data is stored on the media (80). A partition pointer is maintained between the first and second pointers. Preferably, the first type of data is audio/video data and the second type of data is non audio/video data. The audio/video data is preferably stored in contiguous addresses. The media storage device (62) is also preferably coupled to an IEEE 1394-1995 serial bus structure (72). The media storage device (62) is preferably a stand-alone device, but alternatively is resident within another device. As files or tracks of the first type of data are deleted, the media storage device generates secondary partitions within the areas from which data has been deleted. Within the secondary partitions, both types of data can be stored, and secondary partition pointers are also maintained.

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IPC 8 full level
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