

Title (en)  
SYNCHRONIZING A PACKETIZED DIGITAL DATASTREAM TO AN OUTPUT PROCESSOR IN A TELEVISION SIGNAL PROCESSING SYSTEM

Title (de)  
SYNCHRONISATION EINES DIGITALEN DATENSTROMPACKETS ZU EINEM AUSGANGSPROZESSOR IN EINEM FERNSEHSIGNALVERARBEITUNGSSYSTEM

Title (fr)  
SYNCHRONISATION D'UN FLUX DE DONNEES NUMERIQUES EN PAQUETS ALIMENTANT UN PROCESSEUR DE SORTIE DANS UN SYSTEME DE TRAITEMENT DE SIGNAUX DE TELEVISION

Publication  
**EP 0803162 A4 20000913 (EN)**

Application  
**EP 94919502 A 19940615**

Priority  
US 9406803 W 19940615

Abstract (en)  
[origin: WO9534990A1] In a system for processing a packetized digital datastream representing MPEG coded image information, an encoder includes a transport encoder (20) for forming data packets, and an output processor (40, 48) for performing various signal processing functions such as error correction processing and modulation, for example. During acquisition intervals, the output processor requests/acquires data packets from the transport encoder for processing. The system also includes apparatus (25, 30) to assure that a reference (sync) byte at the beginning of a data packet is automatically aligned with the beginning of the acquisition interval, even when arbitrary system resets occur. In an illustrated embodiment, alignment of the first data packet following a system reset is facilitated by the coaction of a Start Of Packet (SOP) flag concurrent with the reference byte, and a logic network (32, 36, 38) which controls data passage in response to the flag.

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IPC 8 full level  
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CPC (source: EP KR)  
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Citation (search report)

- [E] WO 9601024 A1 19960111 - THOMSON MULTIMEDIA SA [FR], et al
- [Y] US 5287178 A 19940215 - ACAMPORA ALFONSE A [US], et al
- [Y] US 4583238 A 19860415 - BOISSEAU ALAIN [FR], et al
- [A] PATENT ABSTRACTS OF JAPAN vol. 016, no. 271 (E - 1218) 18 June 1992 (1992-06-18)
- [A] NATIONAL ASSOCIATION OF BROADCASTERS (NAB): "TRANSPORT SYSTEM", PROCEEDINGS OF THE ANNUAL BROADCAST ENGINEERING CONFERENCE,US,----, NAB, vol. CONF. 48, 1994, pages 1 - 17,27-36, XP000674109
- See references of WO 9534990A1

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