

Title (en)
RECORDING AND EDITING OF A/V STREAMS

Title (de)
AUFZEICHNUNG UND SCHNITTBEARBEITUNG VON A/V-STRÖMEN

Title (fr)
ENREGISTREMENT ET MONTAGE DE FLUX A/V

Publication
EP 1114553 A1 20010711 (EN)

Application
EP 00954473 A 20000711

Priority
• EP 00954473 A 20000711
• EP 0006586 W 20000711
• EP 99202350 A 19990716

Abstract (en)
[origin: WO0106779A1] The serial datastream of MPEG encoded information comprises packets of an MPEG encoded video signal and comprises packets of a corresponding audio signal. The MPEG encoded video signal is in the form of frames, e.g. of length 200 ms. The MPEG encoded audio signal is in the form of blocks of audio information. As an example, for an audio signal encoded in accordance with MPEG-1 layer II at 48 kHz, the block-length is 1152 samples which represents 24 ms. It is clear that no integer number of 24 ms audio blocks fits in 200 ms. In fact, the average number of audio blocks per videoblock, or: per edit-block is 8,3333333. Therefore, without additional measures carried out, there will be audio blocks that cross over the edit-block borders. Editing carried out on the boundaries of such edit-blocks without further precautions may lead to severe sound artifacts. Various measures are proposed to enable editing, and limiting the artifacts.

IPC 1-7
H04N 5/92; H04N 7/52; G11B 27/034; G11B 27/10; G11B 20/10

IPC 8 full level
H04N 5/7826 (2006.01); **G11B 20/10** (2006.01); **G11B 20/12** (2006.01); **G11B 27/02** (2006.01); **G11B 27/032** (2006.01); **G11B 27/034** (2006.01); **G11B 27/036** (2006.01); **G11B 27/10** (2006.01); **H04N 5/92** (2006.01); **H04N 7/52** (2006.01)

CPC (source: EP KR)
G11B 20/10 (2013.01 - KR); **G11B 27/031** (2013.01 - KR); **G11B 27/032** (2013.01 - EP); **G11B 27/034** (2013.01 - EP); **G11B 27/036** (2013.01 - EP); **G11B 27/10** (2013.01 - EP); **G11B 27/105** (2013.01 - EP); **G11B 27/3027** (2013.01 - KR); **G11B 2220/20** (2013.01 - EP KR); **G11B 2220/216** (2013.01 - EP); **G11B 2220/90** (2013.01 - EP KR)

Citation (search report)
See references of WO 0106779A1

Designated contracting state (EPC)
AT DE FR GB

DOCDB simple family (publication)
WO 0106779 A1 20010125; CN 1321394 A 20011107; EP 1114553 A1 20010711; JP 2003505951 A 20030212; KR 20010075162 A 20010809

DOCDB simple family (application)
EP 0006586 W 20000711; CN 00801980 A 20000711; EP 00954473 A 20000711; JP 2001511097 A 20000711; KR 20017003426 A 20010316