

Title (en)

FORMAT AND FRAME RATE CONVERSION FOR DISPLAY OF 24 HZ SOURCE VIDEO

Title (de)

UMWANDLUNG VON FORMAT UND BILDFREQUENZ FÜR DIE ANZEIGE EINER 24 HZ QUELLE

Title (fr)

CONVERSION DE FREQUENCE DE TRAME ET DE FORMAT POUR AFFICHAGE D'UNE SOURCE VIDEO DE 24 Hz

Publication

**EP 1050162 A4 20030528 (EN)**

Application

**EP 98964925 A 19981231**

Priority

- US 9827542 W 19981231
- US 159697 A 19971231

Abstract (en)

[origin: WO9934597A1] An apparatus for electronic format and frame rate conversion in a multiple format video processing system adapted to avoid display motion artifacts caused by 3:2 video source by tripling the frame rate of the source video (312) and responsively adjusting the format of the resultant video signal (308).

IPC 1-7

**H04N 7/01**

IPC 8 full level

**H04N 7/01** (2006.01); **H04N 7/26** (2006.01); **H04N 7/50** (2006.01)

CPC (source: EP)

**H04N 7/0105** (2013.01); **H04N 7/0112** (2013.01); **H04N 19/186** (2014.11); **H04N 19/428** (2014.11); **H04N 19/61** (2014.11)

Citation (search report)

- [X] JP H09322096 A 19971212 - MITSUBISHI ELECTRIC CORP & US 6147712 A 20001114 - SHIMAMOTO HIDEMITSU [JP], et al
- [A] US 5594552 A 19970114 - FUJINAMI YASUSHI [JP], et al
- [A] CASTAGNO R ET AL: "A METHOD FOR MOTION ADAPTIVE FRAME RATE UP-CONVERSION", IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS FOR VIDEO TECHNOLOGY, IEEE INC. NEW YORK, US, vol. 6, no. 5, 1 October 1996 (1996-10-01), pages 436 - 445, XP000627032, ISSN: 1051-8215
- See references of WO 9934597A1

Designated contracting state (EPC)

DE FR GB IT NL

DOCDB simple family (publication)

**WO 9934597 A1 19990708**; AU 2014199 A 19990719; EP 1050162 A1 20001108; EP 1050162 A4 20030528; JP 2002500480 A 20020108; JP 4928666 B2 20120509

DOCDB simple family (application)

**US 9827542 W 19981231**; AU 2014199 A 19981231; EP 98964925 A 19981231; JP 2000527089 A 19981231