Title (en)

MOBILE IMAGING APPLICATION, DEVICE ARCHITECTURE, AND SERVICE PLATFORM ARCHITECTURE

Title (de)

MOBILE BILDERZEUGUNGSANWENDUNG, GERÄTEARCHITEKTUR UND SERVICEPLATTFORMARCHITEKTUR

Title (fr)

APPLICATION D'IMAGERIE MOBILE, ARCHITECTURE DE DISPOSITIF ET ARCHITECTURE DE PLATE-FORME DE SERVICE

Publication

EP 1800415 A4 20080514 (EN)

Application

EP 05813022 A 20051012

Priority

- US 2005037119 W 20051012
- US 61855804 P 20041012
- US 61893804 P 20041013
- US 65405805 P 20050216

Abstract (en)

[origin: WO2006042330A2] Systems and methods are provided for compressing and decompressing still image and video image data in mobile devices. Corresponding mobile device architectures, and service platform architectures for transmitting, storing, editing and transcoding still images and video images over wireless and wired networks and viewing them on display-enabled devices are also provided.

IPC 8 full level

H04B 1/66 (2006.01); **H04N 7/12** (2006.01)

CPC (source: EP KR)

H03M 13/47 (2013.01 - EP); **H03M 13/63** (2013.01 - EP); **H04B 1/66** (2013.01 - KR); **H04L 1/0009** (2013.01 - EP); **H04L 1/0014** (2013.01 - EP); **H04L 1/0015** (2013.01 - EP); **H04N 19/124** (2014.11 - EP); **H04N 19/164** (2014.11 - EP); **H04N 19/166** (2014.11 - EP); **H04N 19/34** (2014.11 - EP); **H04N 19/40** (2014.11 - EP); **H04N 19/63** (2014.11 - EP); **H04N 21/2383** (2013.01 - KR); H04L 1/0011 (2013.01 - EP)

Citation (search report)

- [X] WO 9721302 A1 19970612 - DARTMOUTH COLLEGE [US], et al
- [DA] US 2003198395 A1 20031023 - LYNCH WILLIAM C [US], et al
- [DA] US 2003235340 A1 20031225 - SAUNDERS STEVEN E [US], et al
- [DA] US 2003229773 A1 20031211 - LYNCH WILLIAM C [US], et al
- [DA] US 2004012512 A1 20040122 - LYNCH WILLIAM C [US], et al
- [X] MCCANNE S ET AL: "Joint source/channel coding for multicast packet video", PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON IMAGE PROCESSING. (ICIP). WASHINGTON, OCT. 23 - 26, 1995, LOS ALAMITOS, IEEE COMP. SOC. PRESS, US, vol. VOL. 3, 23 October 1995 (1995-10-23), pages 25 - 28, XP010196915, ISBN: 0-7803-3122-2
- [DA] SWELDENS W: "THE LIFTING SCHEME: A CUSTOM-DESIGN CONSTRUCTION OF BIORTHOGONAL WAVELETS", APPLIED AND COMPUTATIONAL HARMONIC ANALYSIS, ACADEMIC PRESS, SAN DIEGO, CA, US, vol. 3, no. 2, 1 April 1996 (1996-04-01), pages 186 - 200, XP000674880, ISSN: 1063-5203
- [DA] GOLOMB S W: "RUN-LENGTH ENCODINGS", IEEE TRANSACTIONS ON INFORMATION THEORY, IEEE SERVICE CENTER, PISCATAWAY, NJ, US, vol. 12, no. 3, July 1966 (1966-07-01), pages 399 - 401, XP000867152, ISSN: 0018-9448
- [DA] RICE R F ED - LEIB K G SOCIETY OF PHOTO-OPTICAL INSTRUMENTATION ENGINEERS: "PRACTICAL UNIVERSAL NOISELESS CODING", OPTICAL INFORMATION STORAGE. WASHINGTON APRIL 17- 18 1979, PROCEEDINGS OF THE SOCIETY OF PHOTO-OPTICAL INSTRUMENTATION ENGINEERS, BELLINGHAM, S.P.I.E, US, vol. VOL. 177, 1979, pages 247 - 267, XP000925326
- [DA] TEUHOLA J: "A COMPRESSION METHOD FOR CLUSTERED BIT-VECTORS", INFORMATION PROCESSING LETTERS, AMSTERDAM, NL, vol. 7, no. 6, October 1978 (1978-10-01), pages 308 - 311, XP001000934, ISSN: 0020-0190
- [A] YEE SIN CHAN ET AL: "A joint source coding-power control approach combined with adaptive channel coding for video transmission over CDMA cellular networks", 6 October 2003, VEHICULAR TECHNOLOGY CONFERENCE, 2003. VTC 2003-FALL. 2003 IEEE 58TH ORLANDO, FL, USA 6-9 OCT. 2003, PISCATAWAY, NJ, USA,IEEE, US, PAGE(S) 3415-3419, ISBN: 0-7803-7954-3, XP010702333
- [A] FEIDEROPOULOU G ET AL: "Joint source-channel coding of scalable video on a rayleigh fading channel", MULTIMEDIA SIGNAL PROCESSING, 2004 IEEE 6TH WORKSHOP ON SIENA, ITALY SEPT. 29 - OCT. 1, 2004, PISCATAWAY, NJ, USA,IEEE, 29 September 2004 (2004-09-29), pages 303 - 306, XP010802146, ISBN: 0-7803-8578-0
- See references of WO 2006042330A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2006042330 A2 20060420; **WO 2006042330 A3 20061228**; **WO 2006042330 A9 20060713**; **WO 2006042330 A9 20060824**; AU 2005295132 A1 20060420; CA 2583603 A1 20060420; CN 101076952 A 20071121; CN 101076952 B 20110323; EP 1800415 A2 20070627; EP 1800415 A4 20080514; JP 2008516565 A 20080515; KR 20070085316 A 20070827

DOCDB simple family (application)

US 2005037119 W 20051012; AU 2005295132 A 20051012; CA 2583603 A 20051012; CN 200580042645 A 20051012; EP 05813022 A 20051012; JP 2007536967 A 20051012; KR 20077010759 A 20070511