

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
19 January 2006 (19.01.2006)

PCT

(10) International Publication Number
WO 2006/007527 A3

- (51) International Patent Classification:
H04N 7/46 (2006.01) **H04N 7/26** (2006.01)
- (21) International Application Number:
PCT/US2005/023333
- (22) International Filing Date: 1 July 2005 (01.07.2005)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
60/585,154 1 July 2004 (01.07.2004) US
60/665,816 22 March 2005 (22.03.2005) US
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- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

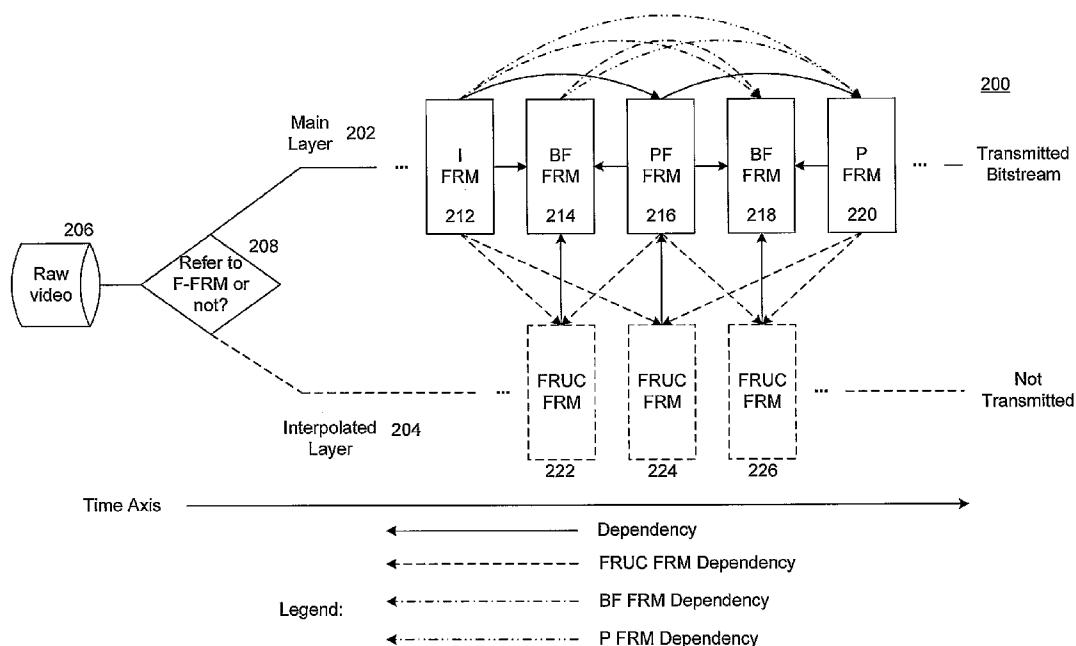
- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))

Published:

- with international search report

[Continued on next page]

(54) Title: METHOD AND APPARATUS FOR USING FRAME RATE UP CONVERSION TECHNIQUES IN SCALABLE VIDEO CODING



(57) Abstract: A method for encoding a video stream includes partitioning the video stream into a main layer having a plurality of main layer frames, and an interpolated layer having a plurality of interpolated layer frames; interpolating a frame rate up conversion (FRUC) frame; and encoding the plurality of main layer frames in the interpolated layer with the assistance of the main FRUC frame. A video encoder implementing the method is also described.



— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

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(88) Date of publication of the international search report:

17 August 2006