

(19) United States

(12) Patent Application Publication (10) Pub. No.: US 2024/0214216 A1 KOBAYASHI et al.

Jun. 27, 2024 (43) **Pub. Date:**

(54) INFORMATION PROCESSING APPARATUS

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AND METHOD, AND PROGRAM

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18/287,266 (21) Appl. No.:

(22) PCT Filed: Feb. 3, 2022

(86) PCT No.: PCT/JP2022/004217

§ 371 (c)(1),

(2) Date: Oct. 17, 2023

(30)Foreign Application Priority Data

May 25, 2021 (JP) 2021-087316

Publication Classification

(51) Int. Cl. H04L 9/32 (2006.01)

U.S. Cl. (52)CPC *H04L 9/3247* (2013.01)

(57)ABSTRACT

There is provided an information processing apparatus and method and a program enabling to ensure authenticity of a video image. The information processing apparatus includes: a signature generation unit configured to generate a first signature for every frame, on the basis of identification information, the frame of a video image, and a first private key of public key cryptosystem, the identification information being assigned to a time-block including a plurality of the frames of the video image; a certificate generation unit configured to generate a certificate including the identification information; and an output unit configured to output the certificate, the video image, and the first signature. The present technology can be applied to a transcoder.

