This Sheet Has Been Replaced



DATA TRANSMITTING APPARATUS, RECEIVING APPARATUS, AND DATA TRANSMISSION AND RECEPTION SYSTEM

ABSTRACT OF THE DISCLOSURE

Video and audio data of a plurality of received programs and a common information ECM are recorded to a recording medium. A recording position of the program is written on a management table. When reproducing a desired one of the recorded programs, the ECM is also reproduced together with the video and audio data. The data to retrieve the desired program and an individual information EMM are transmitted through a broadcasting wave. To descramble the reproduced video and audio data, the reproduced ECM and the received EMM are used. Since the individual information EMM is the latest information, even if there is a time lag between the recording time point and the reproducing time point, the reliability of the conditional access is not deteriorated.

Figure 1