

Title (en)

A CONDITIONAL ACCESS SYSTEM IN DIGITAL MULTIMEDIA BROADCASTING SYSTEM AND METHOD THEREOF

Title (de)

ZUGANGSBERECHTIGUNGSSYSTEM IN EINEM DIGITAL-MULTIMEDIA-AUSSTRAHLUNGSSYSTEM UND VERFAHREN DAFÜR

Title (fr)

SYSTEME D'ACCES CONDITIONNEL DANS UN SYSTEME DE RADIODIFFUSION MULTIMEDIA NUMERIQUE ET PROCEDE ASSOCIE

Publication

EP 1878159 A1 20080116 (EN)

Application

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Priority

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Abstract (en)

[origin: WO2006112581A1] Disclosed is a transmission/receiving system and method for conditionally accessing digital multimedia broadcasting. In the transmission system, a key center system scrambles transmission streams by using a control word generated from first transmitter identification information, encrypts the transmission streams, and transmits encrypted broadcast signals having first transmitter identification information through a key network. A relay system receives the broadcast signals from the key center system, inserts second transmitter identification information other than first transmitter identification information thereto, and transmits it through a relay network. An authentication system receives a matching key from the key center system and transmits it to an extended service subscriber station available for services provided by the relay system. The extended service subscriber station receives the encrypted broadcast signals to detect the second transmitter identification information, generates a control word by using the matching key, and decrypts the received broadcast signals by using the control word.

IPC 8 full level

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