

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 A4 20101110 (EN)

Application

EP 05820579 A 20051104

Priority

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- KR 20050095052 A 20051010

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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CPC (source: EP KR)

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Citation (search report)

- [Y] US 2004093614 A1 20040513 - SAKURAI ATSUNORI [JP], et al
- [Y] US 2004120529 A1 20040624 - ZHANG JIAN [CN], et al
- [A] WO 2005011189 A1 20050203 - SAMSUNG ELECTRONICS CO LTD [KR], et al
- [A] KR 20050016722 A 20050221 - SAMSUNG ELECTRONICS CO LTD & EP 1686711 A2 20060802 - SAMSUNG ELECTRONICS CO LTD [KR]
- See references of WO 2006112581A1

Citation (examination)

EP 1271951 A1 20030102 - OCTALIS S A [BE]

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