

Title (en)
TRANSMITTING AND RECEIVING METHOD AND DEVICE OF PROVIDING CONDITIONAL ACCESS BROADCASTING SERVICES

Title (de)
SENDE- UND EMPFANGSVORFAHREN SOWIE VORRICHTUNG ZUR BEREITSTELLUNG VON RUNDFUNKDIENSTEN MIT BEDINGTEM ZUGANG

Title (fr)
PROCEDE D'EMISSION ET DE RÉCEPTION ET DISPOSITIF DE FOURNITURE DE SERVICES DE DIFFUSION À ACCES CONDITIONNEL

Publication
EP 2345242 A4 20150805 (EN)

Application
EP 09819318 A 20090708

Priority

- KR 2009003732 W 20090708
- KR 20080098343 A 20081007

Abstract (en)
[origin: WO2010041811A2] Provided is a transmitting/receiving method and device for providing a conditional access broadcasting service. A transmitting method for providing a conditional access broadcasting service includes generating a control word for scrambling by encoding a conditional access subscriber's, and changing the encoded data into an entitlement control message and an entitlement management message including the data generated by classifying the conditional access subscriber and a non-subscriber by activating the data. Also, the method includes generating a final stream by multiplexing the entitlement control message, the entitlement management message, and a base layer stream for a first broadcasting service, generating a base layer frame and an enhancement layer frame based on the final stream and an enhancement layer stream for a second broadcasting service, generating a broadcasting signal by hierarchically modulating the base layer frame and the enhancement layer frame, and transmitting the broadcasting signal.

IPC 8 full level
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Citation (search report)

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- [IP] KR 100882508 B1 20090206 - KOREA ELECTRONICS TELECOMM [KR]
- [E] EP 2200307 A2 20100623 - KOREA ELECTRONICS TELECOMM [KR]
- [E] KR 20100067591 A 20100621 - KOREA ELECTRONICS TELECOMM [KR]
- [A] "Radio Broadcasting Systems; Digital Audio Broadcasting (DAB) to mobile, portable and fixed receivers European Broadcasting Union Union Européenne de Radio-Télévision EBUÛER; Final draft ETSI EN 300 401", IEEE, LIS, SOPHIA ANTIPOLIS CEDEX, FRANCE, vol. BC, no. V1.4.1, 1 January 2006 (2006-01-01), XP014032143, ISSN: 0000-0001
- [A] "Digital Audio Broadcasting (DAB); Conditional access; ETSI TS 102 367", IEEE, LIS, SOPHIA ANTIPOLIS CEDEX, FRANCE, vol. BC, no. V1.1.1, 1 January 2005 (2005-01-01), XP014027341, ISSN: 0000-0001
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KR 2009003732 W 20090708; EP 09819318 A 20090708; KR 20080098343 A 20081007