

Title (en)

DIGITAL TELEVISION RECEIVER WITH APPLICATION PROGRAMMING INTERFACE FOR USER MANAGEMENT

Title (de)

DIGITALER FERNSEHMPFÄNGER MIT ANWENDUNGSPROGRAMMSCHNITTSTELLE FÜR BENUTZERVERWALTUNG

Title (fr)

RECEPTEUR DE TELEVISION NUMERIQUE AVEC INTERFACE DE PROGRAMME D'APPLICATION POUR GESTION UTILISATEUR

Publication

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Application

EP 99950245 A 19991007

Priority

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- US 10794998 P 19981112

Abstract (en)

[origin: WO0030345A1] An Application Programming Interface (API) for applications to manage/access user-related information on a Digital Television (DTV) Receiver/Terminal. The API provides a multi-user environment (using user registry (210) and user profile (220) classes), and a registry for preferences (310) which can be associated with an individual user (user-specific) or be common to all users (system-wide). A set of permissions (230) is associated with each user, or at least with a default user, which represents anybody watching the TV. The permission may provide, for example, a parental control/rating ceiling or permission to buy Impulse Pay Per View (IPPV) programs, or engage in e-commerce transactions (e.g., purchase goods or services via the television). The invention also supports a mechanism (220) where some applications can, and some cannot, access the preferences based on a security policy. This means that the user may allow only specified trusted applications to access his/her credit card number but not others, for example, for an e-commerce application.

IPC 1-7

H04N 5/00; **H04N 7/16**

IPC 8 full level

G06F 9/445 (2006.01); **H04H 1/00** (2006.01); **H04H 20/00** (2008.01); **H04N 5/00** (2006.01); **H04N 5/44** (2006.01); **H04N 7/16** (2006.01)

CPC (source: EP KR)

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Citation (search report)

See references of WO 0030345A1

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