

Title (en)

APPARATUS AND METHODS FOR AUTOMATIC CONTROL AND MONITORING OF THE OPERATION OF CONSUMER ELECTRONIC PRODUCTS.

Publication

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Application

EP 93911277 A 19930512

Priority

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Abstract (en)

[origin: WO9323957A1] A method and apparatus for providing items of information viewable on an electronic display from an information provider. An information provider provides printed material and a portable memory (62) containing information related to the printed material to a user. The information is read from the memory (62) and displayed to the user. The user selects at least one item of information. A record of the user selections is stored in the memory (62). In the preferred embodiment, the information is a program listing for television programs. By selecting information, the user is able to program a controller (28) to automatically turn on electronic devices for either viewing or recording the selected television programs.

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Citation (search report)

- [Y] US 4873584 A 19891010 - HASHIMOTO KAZUO [JP]
- [Y] US 4908713 A 19900313 - LEVINE MICHAEL R [US]
- [Y] US 4723302 A 19880202 - FULMER ALLEN L [US], et al
- [Y] WO 8503830 A1 19850829 - AMERICAN TELEPHONE & TELEGRAPH [US]
- [X] US 4519008 A 19850521 - TAKENOUCHI TSUTOMU [JP], et al
- [Y] US 5034935 A 19910723 - ISHIBASHI MASAYA [JP], et al
- [Y] US 4905094 A 19900227 - POCOCK TERRENCE H [CA], et al
- [Y] US 4745549 A 19880517 - HASHIMOTO KAZUO [JP]
- [Y] WO 9010988 A1 19900920 - VIEWFACTS INC [US]
- [A] WO 9013204 A1 19901101 - SCIENTIFIC ATLANTA [US]
- See references of WO 9323957A1

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