

Universal Remote Control,
v.
Universal Electronics, Inc.

IPR2013-00127
Oral Hearing, April 8, 2014

Overview

- Introduction to U.S. Pat. No. 6,587
- Prior Invention
- Claim Construction
- Prior Art Combinations

U.S. Pat. No. 6,587,006

- Universal Remote Control with Macro Command Capabilities



US006587067B2

(12) **United States Patent**
Darbee et al.

(10) **Patent No.:** US 6,587,067 B2
(45) **Date of Patent:** Jul. 1, 2003

(54) **UNIVERSAL REMOTE CONTROL WITH
MACRO COMMAND CAPABILITIES**

3,911,424 A 10/1975 Giannuzzi et al.

(List continued on next page.)

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FOREIGN PATENT DOCUMENTS

DE 3313493 12/1991
EP 0002434 6/1979

(73) Assignee: **Universal Electronics Inc.**, Cypress,
CA (US)

(List continued on next page.)

(*) Notice: Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
U.S.C. 154(b) by 64 days.

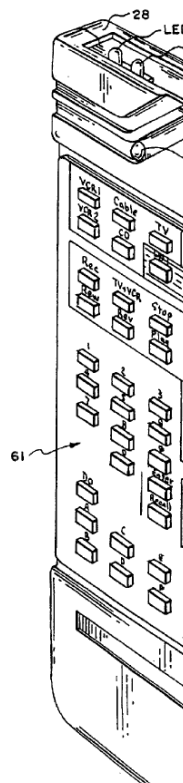
OTHER PUBLICATIONS

Radio Shack, Owner's Manual, Universal Remote Control,
1987, pp. 1-29.

(21) Appl. No.: **09/791,354**

(List continued on next page.)

(22) Filed: **Feb. 23, 2001**



(U.S. Pat. No. 6,587,067)

U.S. Pat. No. 6,587,067

- Universal Remote Control
- “Direct entry” matching to plurality of h appliances
- Enter code via pushbutton correspond set of codes and data in pre-loaded lib
- Capability to assign macro command macro pushbutton

(U.S. Pat. No. 6,587,067)

U.S. Pat. No. 6,587,067

- Representative claim 1:

In a universal remote control comprising a keyboard having a plurality of pushbuttons including a macro pushbutton and a library of codes and data for use in transmitting operating commands to a plurality of different home appliances of different manufacturers, a readable medium having instructions for performing steps comprising:

matching the universal remote control to a plurality of different home appliances of different manufacturers such that selected codes and data from the library are used to transmit operating commands to the matched home appliance in response to activation of selected pushbuttons of the keyboard, the selected pushbuttons of the keyboard being activated to directly identify each of the plurality of different home appliances of different manufacturers to which the universal remote control is to be matched; and

assigning to the macro pushbutton a subset of the selected codes and data from the library whereafter activation of the macro pushbutton causes the universal remote control to use the subset of selected codes and data from the library to transmit a plurality of operating commands to one or more of the matched home appliances.

(U.S. Pat. No. 6,587,067)

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