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(54) Title: SYSTEM AND METHOD FOR REMOTELY CONTROLLING A DEVICE OR SYSTEM WITH VOICE COMMANDS

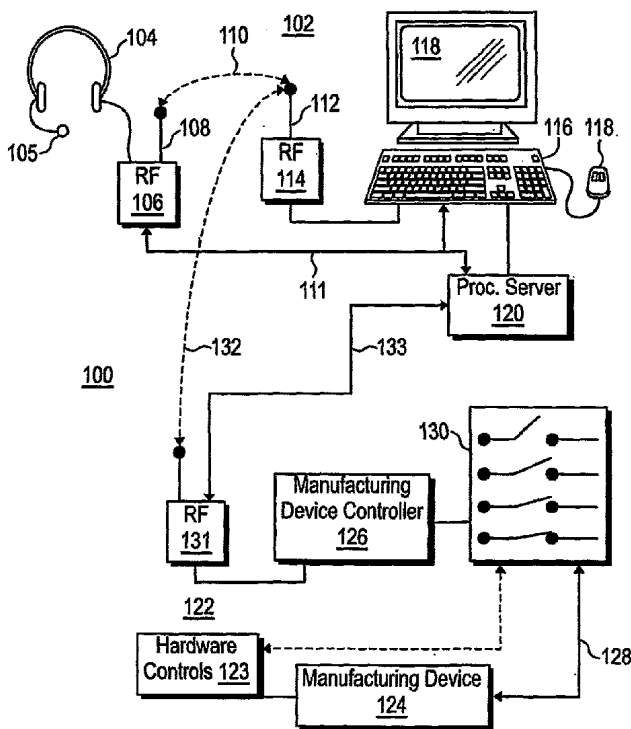


FIG. 1

(57) Abstract: A remote command system is provided for controlling a device, for example a device or machine used in a manufacturing process. The system may include one headset with a micro- phone or a plurality of wireless headsets each having a microphone and configured to receive voice sounds from a user and a transmission unit configured to transmit voice signals in response to the voice sounds. A controller interface unit may be configured to receive the voice signals from the wireless headsets and to transmit control signals, where the controller interface is further configured to be trained to receive and interpret voice signals having personal characteristics of a user. A processor module is configured to receive the control signals from the controller interface unit to operate the device or machine.



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 Minimum documentation searched (classification system followed by classification symbols)
 U.S. : 455/569.1, 575.1, 519, 67.13, 703, 556.1, 557; 379/88.01, 420.03, 428.02, 88.02, 88.27, 431; 704/200, 233, 234, 246, 251

 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
WEST DATABASES

 Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
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C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5,335,313 A (DOUGLAS) 02 August 1994 (02.08.1994), column 6, line 15 through column 8, line 53.	1, 9-25
Y	US 2004/0242278 A1 (TOMODA et al) 02 December 2004 (02.12.2004), see the Abstract.	1, 9-25
Y	US 4,931,950 A (ISLE et al) 05 June 1990 (05.06.1990), column 16, line 35 through column 17, line 39 and wireless headset 190 in figure 7.	9-10, 14, 20
Y	US 2004/0088358 A1 (BODA et al) 06 May 2004 (06.05.2004), paragraphs [0018], [0027] and [0029]	12, 15
Y	US 2005/0108249 A1 (SCHALK et al) 19 May 2005 (19.05.2005), see paragraphs [0024], [0026] and [0027].	16-17
Y	US 5,335,276 A (THOMPSON et al.) 02 August 1994 (02.08.1994), see column 17, line 58 through column 18, line 57.	18-19
Y	US 5,774,841 A (SALAZAR et al) 30 June 1998 (30.06.1998), column 7, lines 32-44.	21-22

Further documents are listed in the continuation of Box C. See patent family annex.

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2002/0049589 A1 (POIRIER) 25 April 2002 (25.04.2002), paragraph [0073].	23-25

Continuation of B. FIELDS SEARCHED Item 3:

WEST: dictionary, grammar, voice command, speech command, headset, microphone, authorization, authorizing, authorized, operator, user, speaker, ASCII, log file, head-set, head set, upper, lower, threshold, feedback, feed-back, feed back, testing, tested, test, setup, set-up, security, platform, robust, error rate, inactive, non-listening, shut down, shut-down, time, natural language understanding, NLU, two step, confirmation, wireless, recognition, headgear, head gear, impaired person, impaired people, disabled