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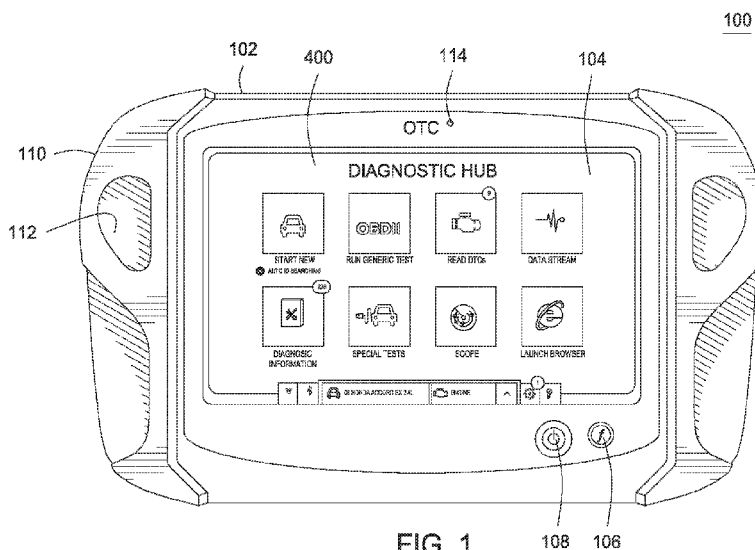


FIG. 1

(57) Abstract: A graphical user interface that is capable of being used on a computing device, such as a vehicle diagnostic tool. The graphical user interface includes various buttons that when actuated causes the vehicle diagnostic tool to perform a corresponding functionality such as read diagnostic trouble codes and collect and display a data stream of diagnostic data of a vehicle. The graphical user interface also displays buffered data in a data window and the data may be moved using various input buttons.

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/US13/57930

## A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - G01M 17/00 (2014.01)

USPC - 701/33.2

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC(8) Classification(s): G01M 17/00; G06F 17/00, 17/30, 7/00; G06Q 30/00 (2014.01)

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

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

MicroPatent (US-G, US-A, EP-A, EP-B, WO, JP-bib, DE-C,B, DE-A, DE-T, DE-U, GB-A, FR-A); ProQuest; IEEE/IEEExplore; Google/Google Scholar; IP.com; Search Terms Used: vehicle, automobile, car, truck, diagnostic, tool, GUI, graphic user interface, identify, diagnostic trouble code, DTC, collect, display, threshold, range, limit, beyond, outside, exceed, maximum, zoom, enlarge

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2007/0050105 A1 (CHINNADURAI, M et al.) March 1, 2007, abstract, paragraphs [0004], [0005], [0034], [0040]	1-20
Y	US 2008/0140281 A1 (MORRIS, DO et al.) June 12, 2008, paragraphs [0027]-[0029]	1-20
Y	US 2002/0077779 A1 (LIEBL, TJ et al.) June 20, 2002, paragraph [0086]	4, 5, 13, 14, 20
Y	US 2010/0106359 A1 (UNDERDAL, OM et al.) April 29, 2010, abstract, paragraph [0070]	6, 15
Y	US 2011/0288954 A1 (BERTOSA, T et al.) November 24, 2011, Figure 4A, abstract, paragraphs [0002], [0048], [0051], [0052]	7, 16
Y	US 2009/0271062 A1 (GRENN, DP) October 29, 2009, paragraphs [0005], [0009]	8, 9, 17, 18
Y	US 2010/0138701 A1 (COSTANTINO, D) June 3, 2010, paragraph [0055]	9, 18
Y	US 2006/0047617 A1 (BACIOIU, AS et al.) March 2, 2006, paragraphs [0121]-[0123]	20
A	US 2010/0256861 A1 (HODGES, TA) October 7, 2010, paragraph [0017]	20

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