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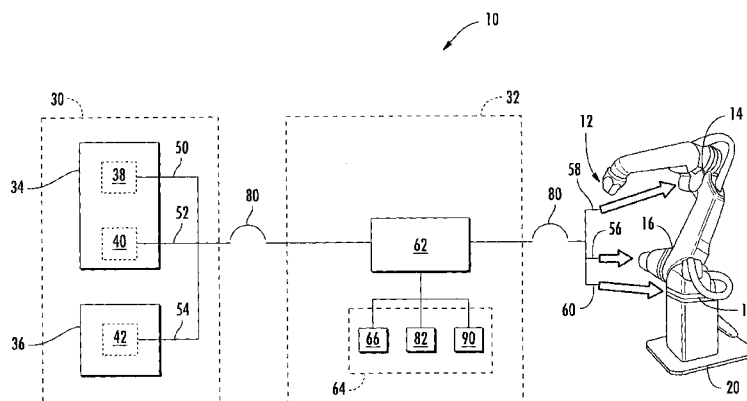


FIG. 1

(57) Abstract: A system (10) for remotely positioning an end effector (12) includes an input device (30) and at least one sensor (34, 36, 38, 40, 42) configured to generate at least one signal (50, 52, 54) reflective of a force applied to the input device (30). A processor (62) receives the at least one signal (50, 52, 54) and is configured to execute logic stored in a memory (64) that causes the processor (62) to compare the at least one signal (50, 52, 54) to a predetermined limit and generate a control signal (56, 58, 60) to the end effector (12) if the at least one signal (50, 52, 54) exceeds the predetermined limit. A method for remotely positioning an end effector (12) includes moving an input device (30), sensing a force applied to the input device (30), comparing the force applied to the input device (30) to a predetermined limit, and generating a control signal (56, 58, 60) to the end effector (12) if the force applied to the input device (30) exceeds the predetermined limit (36).



INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER  
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ADD.  
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)  
B25J G05B

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)  
EPO-Internal, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	SMITH C ET AL: "Wiimote robot control using human motion models", INTELLIGENT ROBOTS AND SYSTEMS, 2009. IROS 2009. IEEE/RSJ INTERNATIONAL CONFERENCE ON, IEEE, PISCATAWAY, NJ, USA, 10 October 2009 (2009-10-10), pages 5509-5515, XP031580951, ISBN: 978-1-4244-3803-7 Sections II, III.A, IV.B, V.A and V.B page 5513, left-hand column, paragraph 2 -----	1-15
X	JP 2011 025367 A (IHI CORP) 10 February 2011 (2011-02-10) paragraphs [0018] - [0020], [0026] - [0030] ----- -/--	1-8, 12-14

Further documents are listed in the continuation of Box C.

See patent family annex.

\* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

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Date of the actual completion of the international search  30 April 2014	Date of mailing of the international search report  08/05/2014
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Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016	Authorized officer  Prokopiou, Platon
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International application No  
PCT/IB2013/002370

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A	SAGAR N PURKAYASTHA ET AL: "Analysis and comparison of low cost gaming controllers for motion analysis", ADVANCED INTELLIGENT MECHATRONICS (AIM), 2010 IEEE/ASME INTERNATIONAL CONFERENCE ON, IEEE, PISCATAWAY, NJ, USA, 6 July 2010 (2010-07-06), pages 353-360, XP031855796, ISBN: 978-1-4244-8031-9 Section II.A; page 356, left-hand column, paragraph 2 -----	1-15
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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.
A	"Freescale Semiconductor MMA8452Q 3-Axis, 12-bit/8-bit Digital Accelerometer",  31 January 2011 (2011-01-31), XP055115888, Retrieved from the Internet: URL: <a href="http://pdf.datasheetarchive.com/indexe&lt;br/&gt;rfiles/Datasheets-SW1/DSASW0018546.pdf">http://pdf.datasheetarchive.com/indexe rfiles/Datasheets-SW1/DSASW0018546.pdf</a> [retrieved on 2014-04-29] pages 1,6,7 pages 15-18  -----	1-15

# INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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