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(54) Title: IMPROVED LIQUID SENSOR

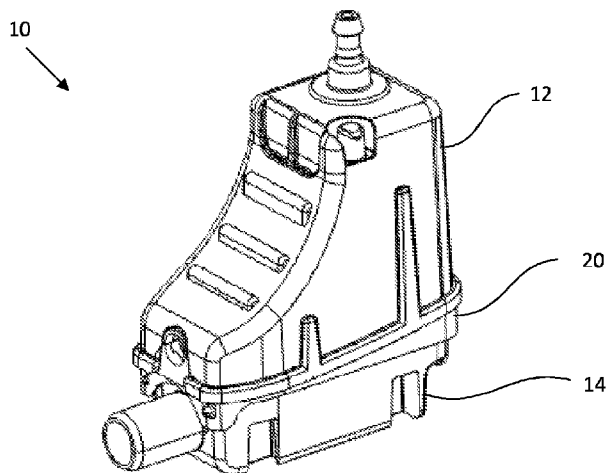


FIG. 1

(57) Abstract: A liquid detector comprising a housing having a plurality of side walls and a bottom surface; a sensor mounted within a cavity of the housing and having a sensing surface configured to detect a liquid on an outer surface of a first of the plurality of side walls, and securing means to secure the housing relative to a surface of an external reservoir, wherein the plurality of side walls extends from a top end to a lower end, wherein the bottom surface has a profile comprising a first portion and a second portion, wherein the first portion and second portion are lower than the plurality of side walls, and wherein at least a lower-most point of the second portion is lower than at least one point of the first portion.



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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)

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

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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.
X	US 2011/110794 A1 (MAYLEBEN PHILIP [US] ET AL) 12 May 2011 (2011-05-12) paragraph [0085]; figures 13, 14A paragraph [0096] - paragraph [0104]; figure 19A paragraphs [0124] - [0125]; figures 25D, 26B, 27B -----	1-15
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A	GB 1 312 433 A (ROSEMOUNT ENG CO LTD) 4 April 1973 (1973-04-04) claims 5, 7 -----	10
	-/-	



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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.
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INTERNATIONAL SEARCH REPORT

Information on patent family members

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