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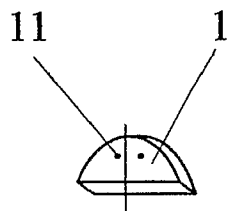
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(54) Title: INSERT FOR ONE WAY FLOW OF LIQUID AND AIR FOR PREVENTION OF RETURN OF ODOUR AND WASTE WATER FOR SINKS IN SEWAGE INSTALLATIONS



(57) Abstract: An insert for one way flow of liquid and air for prevention of return of odour and waste water for sinks in sewage installations in accordance with the present invention is placed in a vertical or horizontal waste pipe of the sink, depending of its position in existing sewage system. It consists of a plastic holder (1), a resilient rubber membrane (2) and a rubber washer (3) glued on a plastic ring (4), mutually connected by means of plastic wedges (11) to form a compact assembly which is inserted in the plastic pipe (12) intended to be placed in a vertical waste pipe of the sink, while if intended to be placed in a horizontal waste pipe of the sink, instead the washer (3) and the ring (4), it has a rubber washer (5) glued on a plastic holder (6), both having semicircular openings (9, 10) in their upper halves. The lower parts of the washer (5) and the holder (6) having height "h" form a full dividing wall for providing minimum level of water in the sink (14).



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

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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)

E03C E03F F16K

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 practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 2004/059198 A1 (DAHME PETER KASPER [ZA]) 15 July 2004 (2004-07-15) page 3, line 24 - page 6, line 5; figures -----	1,2
A	FR 2 578 943 A1 (COMMISSARIAT ENERGIE ATOMIQUE [FR]) 19 September 1986 (1986-09-19) page 3, line 29 - page 5, line 35; figures -----	1,2

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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