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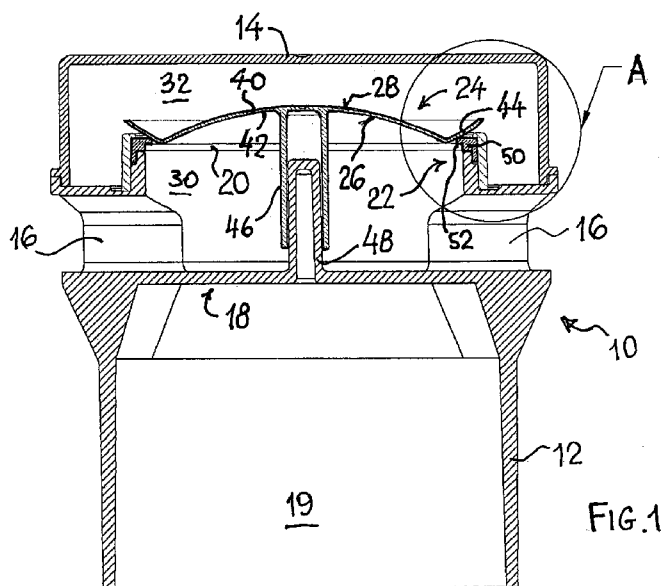
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(54) Title: AIR ADMITTANCE VALVE



(57) Abstract: The closing and sealing means for use in air admittance valves includes a valve hous-
ing (10) designed to be connected to the waste wa-
ter pipe system, an upper cap (14) and valve closing
and sealing means consisting of a fixed valve seat (22)
and a movable closing member (24). The hous-
ing (10) includes at least one passageway (16) in
communication with the surrounding atmospheric air,
and at least one passageway (18) in connection
with the inner space (19) of the sewage system,
each of said passageways being in contact with the
movable closing member (24). The closing means
comprise a rigid movable closing member in the
shape of a poppet valve (40) having an inverted
bowl shaped central part (42) provided, at its pe-
riphery, with an inverse angled conical surface (44)
extending upwards and designed to cooperate with
the sealing means consisting of a fixed valve seat
(22) having an upper edge provided with a soft an-
nular seat (50) presenting a thin annular cantilever
lip (52) extending towards the centre of the seat
(22).



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A. CLASSIFICATION OF SUBJECT MATTER

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ADD.

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

E03C

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.
X	GB 2 231 391 A (FRAWLEY PATRICK DANIEL) 14 November 1990 (1990-11-14) page 5, line 17; figure 3 -----	1,2,4,6, 7,10,12, 13,18
X	EP 0 401 989 A2 (FRAWLEY PATRICK DANIEL [GB]) 12 December 1990 (1990-12-12) figure 3 -----	1,2,6,7, 10,12, 13,18
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A	EP 0 100 657 A1 (KENTSUB LTD [GB]) 15 February 1984 (1984-02-15) the whole document ----- -/--	1,18

☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

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"&" document member of the same patent family

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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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