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(54) **A forced discharge compressed-air operated device for sanitary fixtures**

(57) A forced discharge device for sanitary fixtures comprises a generally cylindrical body (11), which is shaped with an inlet opening (12) and an outlet opening (13); a cup-shaped element that moves in the body between an extended position, in which it closes the inlet opening and a retracted position in which it leaves said inlet opening free; a distributor element (16) fixed in the body, having ducts for compressed air; a twin piston element (15) movable inside the cup between a retracted position and an extended expelling position.

The device is suitable for sanitary fixtures of various types, including tip-up foldaway fixtures.

The device operates efficiently and reliably even in situations in which the discharge has a very small section or an upward, long or winding course; it allows water consumption to be limited; it allows a moderate power consumption.

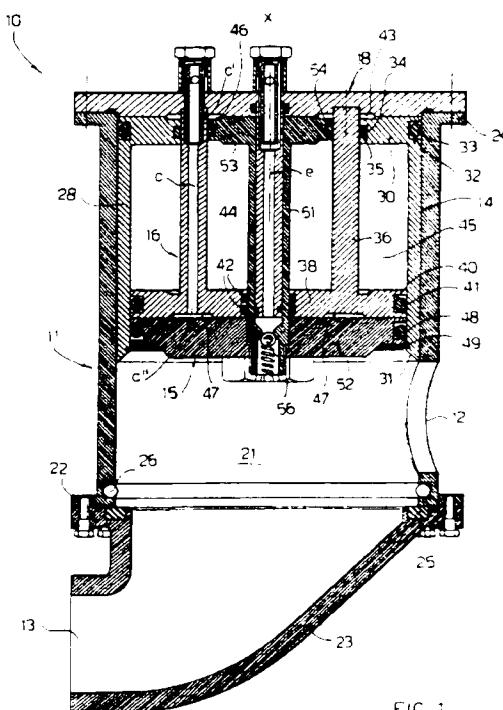


FIG. 1



| DOCUMENTS CONSIDERED TO BE RELEVANT | | | CLASSIFICATION OF THE APPLICATION (Int.Cl.6) | | | | | | |
|--|--|---|--|-----------------|----------------------------------|----------|-----------|--------------|-------------|
| Category | Citation of document with indication, where appropriate, of relevant passages | Relevant to claim | | | | | | | |
| X | FR 1 566 133 A (ARBAU BAU) 2 May 1969 * page 4, line 16 – page 5, line 10; figures 1-3 * | 1 | E03F1/00 | | | | | | |
| A | FR 2 256 292 A (OY WARTSILA) 25 July 1975 ----- | | | | | | | | |
| | | | TECHNICAL FIELDS SEARCHED (Int.Cl.6) | | | | | | |
| | | | E03F F04B E03D | | | | | | |
| <p>The present search report has been drawn up for all claims</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">Place of search</td> <td style="width: 33%;">Date of completion of the search</td> <td style="width: 34%;">Examiner</td> </tr> <tr> <td>THE HAGUE</td> <td>22 June 1998</td> <td>Hannaart, J</td> </tr> </table> | | | | Place of search | Date of completion of the search | Examiner | THE HAGUE | 22 June 1998 | Hannaart, J |
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