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(72) Inventors:
 • **Van Scheppingen, Mattheas Robertus**
8076 PA VIERHOUTEN (NL)
 • **Graveland, Willem**
8076 PA VIERHOUTEN (NL)
 • **Taelman, Stijn**
8076 PA VIERHOUTEN (NL)

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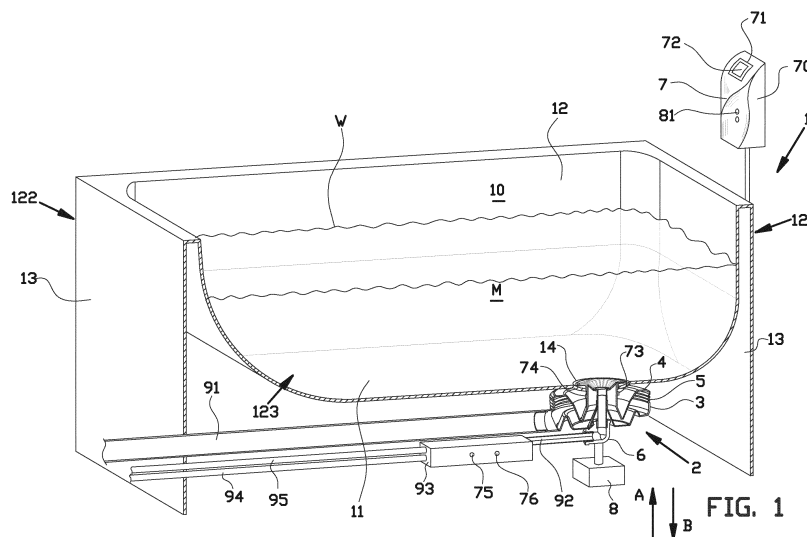
(74) Representative: **Peters, Sebastian Martinus**
Octroibureau Vriesendorp & Gaade B.V.
Dr. Kuiperstraat 6
2514 BB Den Haag (NL)

(71) Applicant: **Exodus Holding B.V.**
8076 PA Vierhouten (NL)

(54) **Safety system for a bath**

(57) The invention relates to safety system for a bath (1) comprising a detection unit (77) with a controller (7) and a flow sensor (75) which is arranged for measuring a flow of water being supplied to the bath. The sensor is arranged for sending a signal indicative of the measured flow to the controller, and the controller is arranged for determining the total amount of water being supplied to the bath and for calculating the theoretical water level in the bath. When the theoretical water level reaches a pre-

determined water level, the controller is arranged for terminating the supply of water to the bath and/or discharging the water already in the bath. Preferably the detection unit additionally comprises a level sensor (73) which is arranged for sending a signal indicative of the detected actual water level to the controller. The controller is arranged for comparing the actual water level with the theoretical water level.





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CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing claims for which payment was due.

- Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due and for those claims for which claims fees have been paid, namely claim(s):

- No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due.

LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

see sheet B

- All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.

- As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.

- Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:

- None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:
1-9

- The present supplementary European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims (Rule 164 (1) EPC).



**LACK OF UNITY OF INVENTION
SHEET B**

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The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 1-9

Bath tub with a safety system preventing overflow when filling the tub

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2. claims: 10-15

Drain with a drain valve for closing the drain

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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

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