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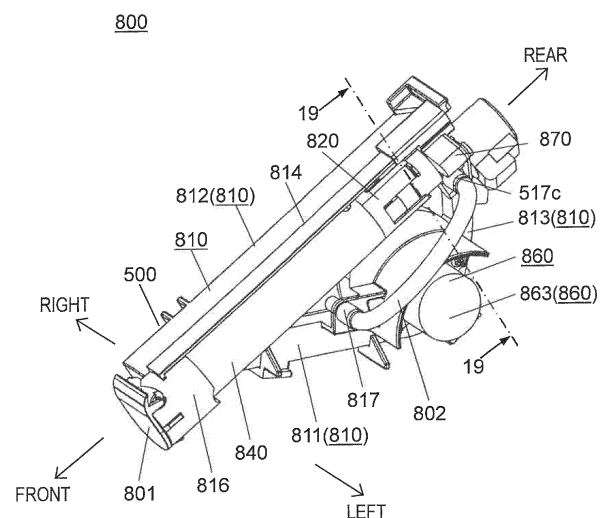
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(54) **SANITARY CLEANING DEVICE**

(57) A sanitary washing device includes a nozzle device 830, a water pump 516, a heat exchanger 700, a flow regulating valve, and a control part 130. The nozzle device includes a buttock washing water flow passage 835, a bidet washing water flow passage 837, and a nozzle cleaning flow passage 839. When a washing operation which is one of buttock washing and bidet washing is performed, the control part starts driving of the water pump and driving of the heat exchanger sequentially, and switches the selection of the flow regulating valve to the nozzle cleaning flow passage after hot water heated by the heat exchanger is supplied to the selected flow passage for a predetermined time. Further, the supply of hot water to the nozzle cleaning flow passage is continued also in the course of advancing the nozzle portion to a washing position from an accommodated position. With such an operation, lowering of a temperature of washing water during the movement of the nozzle portion is suppressed, and sufficiently heated hot water is jetted from the beginning of jetting thus realizing comfortable washing.

FIG. 18





## EUROPEAN SEARCH REPORT

 Application Number  
 EP 20 18 4404

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| DOCUMENTS CONSIDERED TO BE RELEVANT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                     |                                                         |                                         |
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| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Citation of document with indication, where appropriate, of relevant passages                                                                       | Relevant to claim                                       | CLASSIFICATION OF THE APPLICATION (IPC) |
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| The present search report has been drawn up for all claims                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                     |                                                         |                                         |
| Place of search<br><b>Munich</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                     | Date of completion of the search<br><b>1 March 2021</b> | Examiner<br><b>Leher, Valentina</b>     |
| CATEGORY OF CITED DOCUMENTS<br>X : particularly relevant if taken alone<br>Y : particularly relevant if combined with another document of the same category<br>A : technological background<br>O : non-written disclosure<br>P : intermediate document<br>T : theory or principle underlying the invention<br>E : earlier patent document, but published on, or after the filing date<br>D : document cited in the application<br>L : document cited for other reasons<br>& : member of the same patent family, corresponding document |                                                                                                                                                     |                                                         |                                         |

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**ANNEX TO THE EUROPEAN SEARCH REPORT  
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