

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
Y	WO 2012/086924 A2 (JUNG YEONG MO [KR]) 28 June 2012 (2012-06-28) * the whole document *	1-3	INV. E03D9/08
A	JP 2010 168852 A (NIDO IND DESIGN JIMUSHO KK) 5 August 2010 (2010-08-05) * the whole document *	1	
Y	JP H06 146377 A (MATSUSHITA ELECTRIC IND CO LTD) 27 May 1994 (1994-05-27) * the whole document *	1-3	
Y	JP 2000 192527 A (TOTO LTD) 11 July 2000 (2000-07-11) * the whole document *	1-3	
Y	WO 92/08851 A1 (COLIVIER PTY LTD [AU]) 29 May 1992 (1992-05-29) * the whole document *	1-3	
			TECHNICAL FIELDS SEARCHED (IPC)
			E03D
The supplementary search report has been based on the last set of claims valid and available at the start of the search.			
Place of search Munich		Date of completion of the search 6 July 2017	Examiner Geisenhofer, Michael
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

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 (supplementary) 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 (supplementary) 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 (supplementary) European search report has been drawn up for those parts of the European patent application which relate to the first mentioned in the claims, namely claims:

1-3

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: 1-3

details of the actuating device - alternative A
STF: proximity sensor for detecting a user; infrared sensor,
weight sensor or motion detection sensor
E: system can automatically be activated

2. claim: 4

details of the camera
STF: water repellent protector filter on the lens
E: protection of camera against liquid

3. claim: 5

details of the actuating device - alternative B
STF: single button which can be pressed by user
E: system can only be activated by user

4. claims: 6(completely); 13(partially)

details of the actuating device - alternative C
STF: two buttons which initiate different cleaning cycles;
use of a dual spray fluid nozzle for vagina and anus
E: cleaning cycle matching gender of the user

5. claim: 7

details of the cleaning cycle
STF: washing stage with predetermined number of seconds is
followed by drying stage with a predetermined number of
seconds before shut off
E: optimized stages for cleaning cycle

6. claim: 8

details of the liquid used
STF: liquid is either clean water, soap or medication
E: system can treat diseases

7. claim: 9

details of image recognition - alternative A
STF: camera captures a second plurality of images
E: movements of the user can be compensated

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:

8. claim: 10

details of image recognition - alternative B
STF: camera captures a third plurality of images to determine whether user has passed the distance threshold from the bidet
E: system can detect when user leaves prior to end of cleaning cycle

9. claim: 11

details of image recognition - alternative C
STF: camera captures a fourth plurality of images whereby still soiled portions of the user are identified
E: cleaning results can be verified

10. claim: 12

details of the power source driving the system
STF: rechargeable battery or solar panels
E: system can be used independently from power mains

11. claim: 13(partially)

additional functionality of the system
STF: system can detect soiled areas of the bowl and clean the bowl surface
E: no additional flushing needed

12. claim: 14

details of the detected objects can be considered
STF: software can identify various parts of the user within the images
E: soiled areas can be distinguished from body parts of the user

13. claim: 15

details of the image recognition algorithm
STF: camera provides a video which is then analyzed on basis of individual images
E: data redundancy provides better results



**LACK OF UNITY OF INVENTION
SHEET B**

Application Number
EP 13 89 2986

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:

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

EP 13 89 2986

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
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06-07-2017

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
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