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(54) **TOILET BOWL VENTING SYSTEM**

(57) A damp-proof venting device comprising a proximity sensor switch, fan blower, two solenoid valves and a control unit, powered by an external power supply, vents toilet bowl malodour directly into the toilet's sewerage drain, bypassing the toilet's primary water trap via an independent pressure-driven air passage sealed by a secondary independent water trap. Said control unit regulates the operation of venting unit's air blower and two solenoid valves, thus ensuring directionality of displaced air during the venting stage as well as sealing the venting passage after use under all possible circumstances, all in synchronicity with the toilet's engagement by user.

A slight variation of said device allows for retrofitting onto geometry and space-accommodating market-available toilet models.

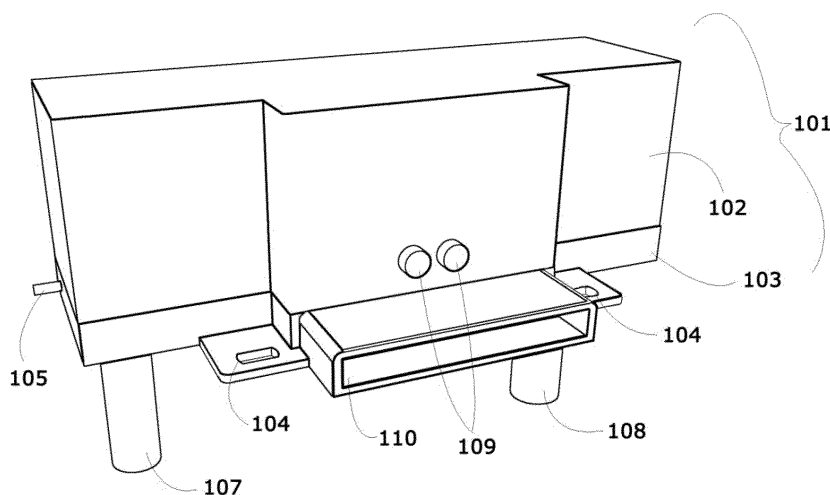


Fig 1a

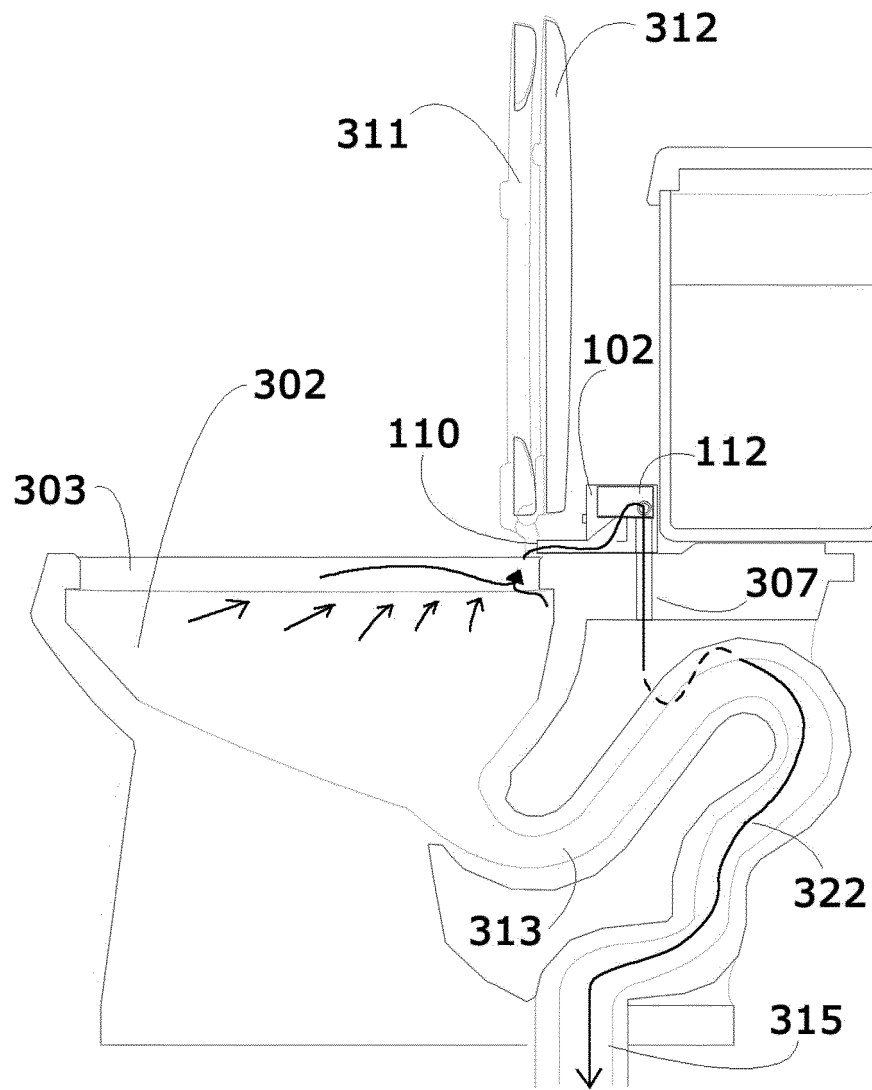


Fig 6b



EUROPEAN SEARCH REPORT

Application Number
EP 16 20 0187

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The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 11 July 2017	Examiner Isailovski, Marko
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	

EPO FORM 1503 03/82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
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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
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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82