

Title (en)
A vacuum toilet

Title (de)
Eine Vakuumtoilette

Title (fr)
Une toilette sous vide

Publication
EP 1752589 A1 20070214 (EN)

Application
EP 05388065 A 20050812

Priority
EP 05388065 A 20050812

Abstract (en)
A vacuum toilet with one or more sensors for sensing, during each cycle of operation of the toilet, the values of one or more of the air pressure in the air inlet, the air pressure in the tank, the ambient temperature, the open or closed state of the inlet valve, and the open or closed state of the outlet valve. This allows a full and detailed diagnosis of the toilet as well as documentation of the status and history of the toilet. A test report including an individual serial number can be issued and supplied with the toilet to the customer, and test reports can serve as a basis for demonstrating the history of the toilet, and in case of malfunction a test report serves as a basis of diagnosing the toilet and deciding on the proper action to be taken.

IPC 8 full level
E03D 5/00 (2006.01)

CPC (source: EP)
E03D 5/003 (2013.01); **E03F 1/006** (2013.01)

Citation (applicant)
EP 0679211 A1 19951102 - SANIVAC VAKUUMTECHNIK GMBH [DE]

Citation (search report)
• [DX] WO 9416158 A1 19940721 - SANIVAC VAKUUMTECHNIK GMBH [DE], et al
• [A] US 5644802 A 19970708 - OLIN HENRY [FI]

Cited by
CN102428002A; RU2486089C2; CN103303328A; CN102561488A; AT516581A1; DE102018006919A1; JP2023503262A; US10001787B2; US8424130B2; DE202020001171U1; WO2007131512A1; WO2010133448A1; WO2008057076A1; DE102021002000B3; EP4074904A1; WO2021094550A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1752589 A1 20070214; WO 2007019854 A1 20070222

DOCDB simple family (application)
EP 05388065 A 20050812; DK 2006000442 W 20060811