

Title (en)
Ozone-deodorizing toilet

Title (de)
Deodorieren mit Ozon von Toiletten

Title (fr)
Désodorisation à l'ozone de toilettes

Publication
EP 1563782 A2 20050817 (EN)

Application
EP 05250768 A 20050210

Priority
US 77923004 A 20040211

Abstract (en)
An ozone-deodorizing toilet includes: an ozone generator (1) provided in a box (2) formed on a rear portion of a toilet seat (5), a gas outlet (4) formed in a front portion of the box (2) and under the toilet seat (5), whereby upon seating of a toilet user on the toilet seat (5) and upon actuation of the ozone generator (1), the ozone as produced from the ozone generator (1) is applied under positive pressure into a bowl chamber (C) as defined among the toilet bowl (Bw), the toilet seat (5) and the user's buttocks (B) to allow the ozone to efficiently deodorize and disinfect the stench gas in the bowl chamber (C) of the toilet.

IPC 1-7
A47K 13/30

IPC 8 full level
A47K 13/30 (2006.01)

CPC (source: EP)
A47K 13/30 (2013.01); **A47K 13/302** (2013.01)

Citation (applicant)
US 6163893 A 20001226 - LO LARRY [TW]

Cited by
DE102015106220A1

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 MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1563782 A2 20050817; **EP 1563782 A3 20060705**; AU 2005200589 A1 20050825; CN 2793177 Y 20060705

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EP 05250768 A 20050210; AU 2005200589 A 20050210; CN 200520004805 U 20050207