

Title (en)  
LOW WATER LEVEL TOILET

Title (de)  
TOILETTE MIT NIEDRIGEM WASSERSTAND

Title (fr)  
WC À FAIBLE NIVEAU D'EAU

Publication  
**EP 3428352 A1 20190116 (EN)**

Application  
**EP 17762537 A 20170309**

Priority  
• CN 201610133724 A 20160309  
• CN 201620178466 U 20160309  
• CN 2017076081 W 20170309

Abstract (en)  
A low water level toilet. A toilet body (1) is provided with a water storage tank (11), a toilet bowl (12), a ring-shaped flushing water-delivery channel (13) and a spraying water-delivery pipe (14); the water storage tank (11) is provided with a water inlet device (2), a drain valve (3) and a ring-shaped flushing water-supply component (4) therein, one end of the ring-shaped flushing water-supply component (4) being connected to the ring-shaped flushing water-delivery channel (13), and the other end being connected to the water inlet device (2); the ring-shaped flushing water-supply component (4) is provided with an ejecting mechanism connected to the water storage tank (11), when water flows from the water inlet device (2) to the ring-shaped flushing water-delivery channel (13), negative pressure is generated in the ejecting mechanism, such that water stored in the water storage tank (11) is sucked towards the ring-shaped flushing water-delivery channel (13); the spraying water-delivery pipe(14) is independently arranged in the toilet body (1), and the spraying water-delivery pipe (14) is provided with only two openings, namely a water inlet connected to the output of the drain valve (3) and a water spray opening (141) connected to the bottom of the toilet bowl (12); in a non-draining state, the drain valve (3) seals the water inlet of the spraying water-delivery pipe(14) to isolate the end of the spraying water-delivery pipe (14), where the water inlet is located, from the outside air.

IPC 8 full level  
**E03D 1/24** (2006.01)

CPC (source: EP US)  
**E03D 1/14** (2013.01 - EP US); **E03D 1/24** (2013.01 - US); **E03D 1/286** (2013.01 - EP US); **E03D 1/34** (2013.01 - EP US);  
**E03D 2201/40** (2013.01 - EP US)

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DOCDB simple family (publication)  
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