

Title (en)
WC with upward directed spray head comprising a non-return valve

Title (de)
Dusch-WC mit Rückflussverhinderer

Title (fr)
WC avec douchette comprenant un dispositif anti-retour

Publication
EP 2192242 A3 20140903 (DE)

Application
EP 09011128 A 20090831

Priority
• DE 102008045062 A 20080829
• DE 102009015407 A 20090327
• DE 102009039518 A 20090831

Abstract (en)
[origin: EP2192242A2] The method involves allowing a flow of water coming from a solenoid valve to a free down spout via a supply line with a constant and perpendicular distance between a lowermost point of an inlet opening (4) and a critical water level. The supply line is present outer side of a boiler container (1). Small amount of water vapor, which increases in the free down spout and in the boiler container, is obtained into a housing of a toilet, such that a control electronics is not unnecessarily loaded. An upper side of the boiler container is closed by a cover (7).

IPC 8 full level
E03C 1/10 (2006.01); **E03D 9/08** (2006.01)

CPC (source: EP)
E03C 1/102 (2013.01); **E03D 9/08** (2013.01)

Citation (search report)
• [X] DE 20104512 U1 20010613 - HOBART GMBH [DE]
• [A] DE 19539037 A1 19961219 - HERRMANN APPARATEBAU GMBH [DE]

Cited by
EP2772593A1; EP2505728A3; EP4036336A4; US9637899B2; EP2503069B1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
EP 2192242 A2 20100602; EP 2192242 A3 20140903; DE 202009018223 U1 20110519

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