

Title (en)

APPARATUS AND METHOD FOR AUTOMATICALLY CLOSING A TOILET BOWL LID AND SEAT

Publication

**EP 0517813 A4 19930217 (EN)**

Application

**EP 91905748 A 19910227**

Priority

US 48547990 A 19900227

Abstract (en)

[origin: WO9112760A1] For use with a toilet having a toilet bowl (12) and a lid (18) mounted to pivot between a closed position covering the bowl and an open position pivoted approximately 90 DEG from the bowl, an apparatus (10) for automatically closing the lid includes a control mechanism (52) engageable with the lid for locking the lid in the open position when the lid is pivoted to the open position and a timer mechanism (53) for actuating the control mechanism to release the lid from the open position after the passage of a predetermined time. Where the toilet includes a toilet seat (17) pivotally mounted to the toilet bowl between the bowl and the lid and is pivotable from a closed position resting atop the bowl, a timer suspension system (130) temporarily suspends operation of the timer mechanism while at least a predetermined weight is applied to the seat in the closed position.

IPC 1-7

**A47K 13/10**

IPC 8 full level

**A47K 13/12** (2006.01); **A47K 13/10** (2006.01)

CPC (source: EP)

**A47K 13/10** (2013.01)

Citation (search report)

- [A] US 2877469 A 19590317 - JOHNSON WALTER M
- [A] DE 176266 C
- See references of WO 9112760A1

Designated contracting state (EPC)

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