

Title (en)
WATER CLOSET FLUSHING APPARATUS

Publication
EP 0369377 B1 19930324 (EN)

Application
EP 89121013 A 19891113

Priority
• JP 28704988 A 19881114
• JP 31564988 A 19881214

Abstract (en)
[origin: EP0369377A1] A water closet flushing apparatus for supplying flushing water via separate flushing water supply means (22, 23) to a bowl portion (11) and to a trap discharge passage (12) formed in the vicinity of a bottom portion of the bowl portion, in the shape of substantially an inverted letter "U" and provided with a top bend portion (12b) midway along the length of the trap discharge passage, characterized in that a flushing water spray is disposed at a position above the trap discharge passage for spraying flushing water in the direction of said trap discharge passage on the downstream side of the top bend, a first opening and closing means (20) communicated to the bowl portion for opening and/or closing the first supply means, a second opening and closing means (21) communicated to the flushing water spray for opening and/or closing the second supply means, and a control means (30) being provided to send opening and/or closing signals to the first and second opening and closing means, respectively. Flushing water is supplied to the bowl portion to flush it and flushing water is sprayed to the trap discharge passage to create a siphon action to discharge the flushing water along with excreta, etc.

IPC 1-7
E03D 5/10

IPC 8 full level
E03D 5/10 (2006.01)

CPC (source: EP KR)
E03D 5/10 (2013.01 - EP KR)

Citation (examination)
JP H05225439 A 19930903 - SANYO ELECTRIC CO

Cited by
EP0628667A1

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AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)
EP 0369377 A1 19900523; EP 0369377 B1 19930324; CA 2002922 A1 19900514; CA 2002922 C 19930126; CN 1016631 B 19920513; CN 1042748 A 19900606; DE 68905568 D1 19930429; DE 68905568 T2 19930923; KR 900008128 A 19900602

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EP 89121013 A 19891113; CA 2002922 A 19891114; CN 89108619 A 19891114; DE 68905568 T 19891113; KR 890016473 A 19891113