

(19) World Intellectual Property Organization
International Bureau(43) International Publication Date
23 May 2002 (23.05.2002)

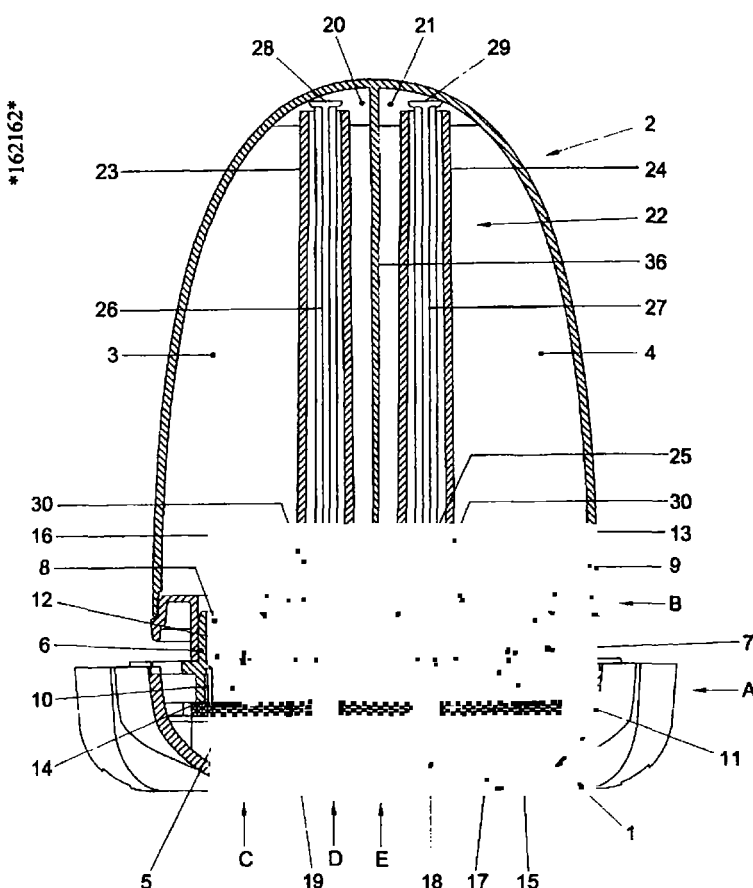
PCT

(10) International Publication Number
WO 02/40792 A1

- (51) International Patent Classification⁷: E03D 9/03
- (21) International Application Number: PCT/NL01/00832
- (22) International Filing Date:
19 November 2001 (19.11.2001)
- (25) Filing Language: Dutch
- (26) Publication Language: English
- (30) Priority Data:
1016631 17 November 2000 (17.11.2000) NL
- (71) Applicant (for all designated States except US): SARA LEE/DE N.V. [NL/NL], Keulsekade 143, NL-3532 AA Utrecht (NL)
- (72) Inventor; and
(75) Inventor/Applicant (for US only): KUHN, Petrus, Henricus, Aloysius, Nicolaas [NL/NL], Hanenburglaan 294, NL-2565 HG The Hague (NL)
- (74) Agent: PRINS, A., W., Vereemgde, Nieuwe Parklaan 97, NL-2587 BN The Hague (NL)
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),

[Continued on next page]

(54) Title: DEVICE WITH MULTIPLE TOILET CARE ACTION



(57) Abstract: A device with multiple toilet care action is provided with a reservoir for an active substance and suspension means for suspending the device from the rim of a toilet bowl such, that with every flushing operation, an active substance is dispensed to the flushing water in the toilet bowl. The reservoir is provided with at least two compartments for such an active substance. In a particular embodiment, in the compartments, active liquids have been disposed. In this situation, the device is provided with a holder, a bottle with said compartments detachably connected to the holder and a liquid collecting element which, when the device is suspended from the rim of a toilet bowl, is located in the path of the flushing water in the toilet bowl for adding thereto with each flushing operation an active liquid, the contents of the compartments being in constant communication with the liquid collecting element.

WO 02/40792 A1

A2



Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR,
GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent
(BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR,
NE, SN, TD, TG)

- before the expiration of the time limit for amending the
claims and to be republished in the event of receipt of
amendments

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette