

Title (en)

Water-closet installation with a device for cleaning the seat of the closet bowl, and closet bowl for the use of said installation.

Title (de)

Toiletteneinrichtung mit Vorrichtung zum Reinigen des Sitzes der Toilettenschüssel und Toilettenschüssel zum Gebrauch dieser Einrichtung.

Title (fr)

Installation d'aisances avec dispositif de nettoyage des abattants de la cuvette d'aisances et cuvette d'aisances conçue pour une telle installation.

Publication

**EP 0201435 A1 19861217 (FR)**

Application

**EP 86420102 A 19860415**

Priority

FR 8506175 A 19850415

Abstract (en)

1. A W.C. installation with a device for cleaning the flap-seats of the W.C. pan, of the type in which there is provided behind and above the W.C. pan (1), a casing (3) having, in addition to a cistern (41) for flushing the W.C. installation and a reservoir (42) for disinfectant and cleaning product, a mechanism for removing the flap-seat (2) which has just been used and replacing it with a clean and disinfected seat, the mechanism essentially comprising two endless chains (15) or the like, to each of which each flap-seat (2, 12) is connected by its rear edge, means (30, 31) for guiding the flap-seats along their path of travel in the casing, means for automatically controlling the opening of an exit (5) allowing the flap-seats to pass therethrough and means for washing each flap-seat brought within the casing including in particular a spraying frame (34) disposed within the casing, the means for washing each flapseat (2, 12) including a vertically movable cleaning carriage (35) characterised in that the carriage is adapted, when it moves upwardly, to clean the two sides of the flap-seat (12) located in the cleaning position and to wipe them when it descends, and in that the carriage (35) includes two brushes (38) having horizontal parallel axes (38a) having a width greater than that of a flap-seat (2, 12) and adapted to clean the two faces of the flap-seat when the carriage moves upwardly and in that an upper portion thereof above the brushes (38) has the shape of a gully (39) having a V-shaped transverse section in which are located lips (40) of rubber or the like adapted to wipe the two faces of the flap-seat when the carriage descends.

Abstract (fr)

Cette installation comporte à l'arrière de la cuvette d'aisances (1), un caisson (3) comportant un réservoir d'eau (41) pour la chasse d'eau et un réservoir de produit de nettoyage, un mécanisme de prélèvement par chaînes sans fin (15) de l'abattant (2) qui vient d'être utilisé et de remplacement de celui-ci par un abattant (12) propre et désinfecté, des glissières (30, 31) pour le guidage des abattants le long de leurs parcours dans le caisson, des moyens commandant automatiquement l'ouverture d'une sortie (5) permettant le passage des abattants et des moyens de lavage de chaque abattant amené à l'intérieur du caisson comprenant notamment une rampe d'arrosage (34). Selon l'invention les moyens de lavage de chaque abattant (2, 12) comprennent en outre un chariot de nettoyage (35) déplaçable verticalement qui est apte à nettoyer lors de sa montée les deux côtés de l'abattant (12) placé en position de nettoyage et à les essuyer lors de sa descente.

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IPC 8 full level

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- [A] FR 2344261 A2 19771014 - VIVIER HARRY [FR]
- [A] EP 0092481 A1 19831026 - VIVIER HARRY
- [A] FR 2316905 A1 19770204 - VIVIER HARRY [FR]
- [AD] FR 2543594 A1 19841005 - DEV DISTR STE FSE [FR]

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