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(54) Title (EN): METHOD OF PURIFYING SEWAGE

(54) Title (FR): PROCEDE DE PURIFICATION DES EAUX USEES

(57) Abstract:

(EN): A method of purifying sewage is described. The method relates to purifying sewage in sewage systems which comprise a toilet (1) by adding a precipitant for precipitation of phosphates and for binding organic substance. The method is characterised in that the precipitant is selected from the group consisting of iron salts and aluminium salts, such as sulphates, chlorides and nitrates and is adapted to be flushed with water in the bowl (3) when flushing. In the method, the sewage from the toilet (1) is preferably conducted to a sludge separator through an outlet pipe (5, 8) which leads to the lower part of the sludge separator (6) below its outlet (7).

(FR): L'invention concerne un procédé de purification des eaux usées dans des systèmes d'évacuation auxquels sont raccordées des toilettes (1). Selon l'invention, on ajoute un précipitant pour provoquer la précipitation des phosphates et la liaison des substances organiques. Ce procédé se caractérise en ce que l'on utilise un précipitant choisi parmi les sels de fer ou d'aluminium tels que les sulfates, les chlorures et les nitrates. Ledit précipitant est conçu pour être introduit dans la cuvette des toilettes (3) lorsque l'on actionne la chasse d'eau, puis emporté par l'eau de la chasse d'eau. Selon ce procédé, l'évacuation des eaux provenant des toilettes (1) se fait de préférence par une conduite d'évacuation (5, 8) qui les conduit jusqu'à la partie inférieure d'un séparateur de boues d'épuration (6), située en dessous de sa conduite de déversement (7).

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