

Title (en)
Improvements in and relating to vacuum sewage systems.

Title (de)
Verbesserungen in Vakuum-Abwassersystemen.

Title (fr)
Perfectionnements aux systèmes d'évacuation sous vide.

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Application
EP 92304502 A 19920519

Priority
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Abstract (en)
A method and an arrangement for cleaning the evacuation duct (28) of a vacuum sewer system is described. In such a system partial vacuum is used for providing transport of waste matter through a sewer pipe (2) from a waste matter providing unit (1) to a collecting chamber (13). Function control units (5, 12, 25) govern the generation of a partial vacuum in the sewer pipe (2) prior to each transport of a volume of waste matter through the sewer pipe (2). After completing the transport of a volume of waste matter from the providing unit (1) to the collecting chamber (13), the function control units (5, 12, 25) are activated to regenerate partial vacuum in the sewer system (2, 13) and thereafter to let in a charge of ambient air to flow through the evacuation duct (28), through which air is normally drawn from the system (2, 13) when the partial vacuum is generated. This provides a purging and cleaning of the evacuation duct (28). <IMAGE>

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CPC (source: EP)
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Citation (search report)

- [AD] US 4297751 A 19811103 - OLIN HENRY, et al
- [A] EP 0363012 A1 19900411 - WAERTSILAE OY AB [FI]
- [A] GB 2203461 A 19881019 - WAERTSILAE OY AB
- [A] FR 2637304 A1 19900406 - NESITE OY [FI]

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RU2728865C2; SG92808A1; AT516581A1; WO2017140942A1; US10767360B2

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