

Title (en)

Process and apparatus for flushing and emptying a biological sewage treatment installation tank filled with solidified residue

Title (de)

Verfahren und Vorrichtung zum Spülen und Entleeren eines mit feststoffartigen Rückständen gefüllten Rückstandtanks einer biologischen Kläranlage

Title (fr)

Procédé et appareil de nettoyage et de vidange pour un réservoir de traitement biologique d'eaux usées contenant des résidus solidifiés

Publication

**EP 1516682 B1 20081022 (DE)**

Application

**EP 04021191 A 20040907**

Priority

DE 10343243 A 20030917

Abstract (en)

[origin: EP1516682A1] The method for the cleaning and emptying of tank (1) filled with solid type residual matter entails the feeding of a fluid and especially water into the tank to soften the residual matter, the feeding of especially high pressure air into the tank to swirl the residual matter, and the drawing off of the softened and swirled matter, whereby at least temporarily during the drawing off and/or drawing off pauses more fluid is fed into the tank. An independent claim is included for a system for the cleaning and emptying of the tank of a biological treatment facility of solid residual matter.

IPC 8 full level

**B08B 9/093** (2006.01); **B08B 5/02** (2006.01); **B08B 9/08** (2006.01)

CPC (source: EP)

**B08B 5/02** (2013.01); **B08B 9/08** (2013.01); **B08B 9/093** (2013.01)

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DOCDB simple family (publication)

**EP 1516682 A1 20050323**; **EP 1516682 B1 20081022**; AT E411853 T1 20081115; DE 10343243 A1 20050804; DE 10343243 B4 20070125; DE 502004008309 D1 20081204

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