

Title (en)

Method and device for slowing down the formation of deposits in water pumping systems, in particular well systems

Title (de)

Verfahren und Vorrichtung zur Verlangsamung der Bildung von Verockerungen in Wasserfördersystemen, insbesondere Brunnensystemen

Title (fr)

Procédé et dispositif pour ralentir la formation d'incrustations ocrées dans des systèmes d'acheminement d'eau, notamment dans des systèmes de puits

Publication

EP 2778297 B1 20160203 (DE)

Application

EP 13159506 A 20130315

Priority

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Abstract (en)

[origin: EP2778297A1] The method for slowing down the formation of debris in a water conveyer system (2) such as a well system, is claimed. The water conveyer system: comprises a water feed line (3); a water conveying pump (13); and a frequency generator (23) to produce frequencies between 100 kHz to 25 MHz, where the frequencies are transmitted to an alternating current (AC) probe (31). The frequencies generated using the frequency generator are applied to the pump and/or the water feed line in a linear or logarithmic manner for few milliseconds to several minutes. An independent claim is included for a device for slowing down the formation of debris in water conveyer system.

IPC 8 full level

E03B 3/15 (2006.01); **C02F 1/00** (2006.01)

CPC (source: EP)

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