

Title (en)
PRESSURE SEWER SYSTEM AND METHOD THEREFOR

Title (de)
DRUCKENTWÄSSERUNGSSYSTEM UND VERFAHREN DAFÜR

Title (fr)
SYSTÈME D'ÉGOUT SOUS PRESSION ET PROCÉDÉ

Publication
EP 3263786 B1 20210414 (EN)

Application
EP 17177818 A 20170626

Priority
CZ 2016383 A 20160628

Abstract (en)
[origin: EP3263786A1] The pressure sewer systems comprised of the pressure main (1) and the house connecting pressure pipes (2) are dimensioned in the stage of designing to accommodate the nominal flow rate (Q_n) and the nominal pressure (P_n) of flowing wastewater. During common use, the instantaneous flow rate (Q_i) and instantaneous pressure (P_i) are several times lower, which results in the pressure main (1) fouling by waste. The method describes a temporary controlled change in the instantaneous pressure (P_i) and the instantaneous flow rate (Q_i) of wastewater up to the value approaching the nominal pressure (P_n) and nominal flow rate (Q_n) for the purpose of flushing the pressure main (1) of the pressure sewer system. The subject of the invention is also the system for generation the temporary controlled change in the instantaneous pressure (P_i) and the instantaneous flow rate (Q_i) of wastewater.

IPC 8 full level
E03F 1/00 (2006.01)

CPC (source: EP)
E03F 1/007 (2013.01)

Cited by
DE102018109257A1; WO2019170724A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 3263786 A1 20180103; EP 3263786 B1 20210414; CZ 2016383 A3 20170809; CZ 306856 B6 20170809; DK 3263786 T3 20210705; HR P20211003 T1 20211126; HU E055026 T2 20211028; PL 3263786 T3 20211129; RS 62026 B1 20210730

DOCDB simple family (application)
EP 17177818 A 20170626; CZ 2016383 A 20160628; DK 17177818 T 20170626; HR P20211003 T 20210624; HU E17177818 A 20170626; PL 17177818 T 20170626; RS P20210784 A 20170626