

Title (en)

Method and advice for self-actuated rinsing of pipes

Title (de)

Verfahren und Vorrichtung zum selbsttätigen Spülen von Leitungen

Title (fr)

Procédé et dispositif pur un rinçage automatique des tuyaux

Publication

EP 2500475 A3 20121121 (DE)

Application

EP 12154715 A 20120209

Priority

DE 102011013955 A 20110314

Abstract (en)

[origin: EP2500475A2] The method involves directly or indirectly measuring a temperature profile of fluid i.e. water, in a fluid pipeline, and evaluating the measured data. Automatic flushing of the fluid pipeline is triggered, ended, inhibited and/or continued based on the result of the evaluation. The flushing process is continued until a temperature threshold and/or a temperature gradient threshold is exceeded. The flushing process is triggered if constant temperature is measured for a specific time period, where the temperature is measured at a connector piece (1) e.g. T-piece, of the pipeline. An independent claim is also included for a device for automatic flushing of fluid pipelines.

IPC 8 full level

E03B 7/00 (2006.01); **E03B 7/08** (2006.01)

CPC (source: EP US)

E03B 7/006 (2013.01 - EP US); **E03B 7/08** (2013.01 - EP US); **B08B 9/0325** (2013.01 - US); **F24D 17/0073** (2013.01 - EP US); **Y10T 137/0424** (2015.04 - EP US)

Citation (search report)

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- [XA] US 4774978 A 19881004 - LEPINE JR RAYMOND J [US], et al
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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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2500475 A2 20120919; **EP 2500475 A3 20121121**; **EP 2500475 B1 20170719**; DE 102011013955 A1 20120920; DE 102011013955 B4 20181227; DK 2500475 T3 20170918; PL 2500475 T3 20171229; US 2012234398 A1 20120920; US 9695577 B2 20170704

DOCDB simple family (application)

EP 12154715 A 20120209; DE 102011013955 A 20110314; DK 12154715 T 20120209; PL 12154715 T 20120209; US 201213414990 A 20120308