

Title (en)

PIPING SYSTEM WITH A DEVICE FOR THE SIMULTANEOUS PARALLEL CLEANING OF SAID PIPING SYSTEM

Title (de)

ROHRLEITUNGSSYSTEM MIT EINER VORRICHTUNG ZUR PARALLELEN REINIGUNG DIESER ROHRLEITUNGEN

Title (fr)

SYSTÈME DE CONDUITES AVEC UN DISPOSITIF DE NETTOYAGE SIMULTANÉ ET PARALLÈLE DE CES CONDUITES

Publication

**EP 2012942 B1 20160727 (DE)**

Application

**EP 07722290 A 20070425**

Priority

- DE 2007000732 W 20070425
- DE 102006020079 A 20060429

Abstract (en)

[origin: WO2007124722A2] The invention allows cleaning of pipe conduit systems having a plurality of pipes such as they are used in e.g. heat exchangers, using pigs. According to the invention, a plurality of pipe conduits can be cleaned at the same time. One advantage is that the pipe conduits can be grouped by the device, thereby allowing a partial cleaning of some pipes of the system without interrupting the delivery process of the fluid. The device is characterized by separating, by means of a controller, the flow of the propulsion medium for the pigs from the fluid flow. The pigs used, when reaching the final destination, prevent the propulsion medium from exiting, thereby increasing the pressure on the remaining pipe conduits to be cleaned in parallel so that all the other pigs reach their destination.

IPC 8 full level

**B08B 9/055** (2006.01); **F28G 1/12** (2006.01)

CPC (source: EP)

**B08B 9/0551** (2013.01); **F28G 1/125** (2013.01)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**DE 102006020079 A1 20071108**; EP 2012942 A2 20090114; EP 2012942 B1 20160727; PL 2012942 T3 20170228; WO 2007124722 A2 20071108; WO 2007124722 A3 20081120

DOCDB simple family (application)

**DE 102006020079 A 20060429**; DE 2007000732 W 20070425; EP 07722290 A 20070425; PL 07722290 T 20070425