

Title (en)

Method and apparatus for transporting fluid in a conduit

Title (de)

Verfahren und Vorrichtung zum Transport von Flüssigkeit durch eine Leitung

Title (fr)

Procédé et appareil pour le transport de fluides dans une conduite

Publication

EP 2063123 A2 20090527 (EN)

Application

EP 08171827 A 20051205

Priority

- EP 05814040 A 20051205
- NO 20045382 A 20041209

Abstract (en)

An apparatus for transporting fluid comprises a conduit (3), at least one fluid dividing means (5) such as a check valve or a semi-permeable membrane which divides the conduit (3) into an upstream side and a downstream side, and an oscillator (8) for moving the fluid dividing means (5). The fluid dividing means (5) in a first state prevents fluid communication between the upstream side and the downstream side and in a second state allows fluid communication between the upstream side and the downstream side. The fluid dividing means (5) is arranged in a piston (7') which is connected to the oscillator (8) for being imparted with a translational oscillating motion which causes the fluid dividing means (5) to be alternately brought into the first state and the second state so that an incremental fluid volume flows from the upstream side of the fluid dividing means (5) to the downstream side of the fluid dividing means (5).

IPC 8 full level

F04B 43/073 (2006.01); **E21B 43/00** (2006.01); **F04B 47/00** (2006.01); **F04B 47/02** (2006.01); **F04B 53/12** (2006.01)

IPC 8 main group level

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CPC (source: EP US)

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Citation (applicant)

EP 1859167 A1 20071128 - CLAVIS IMPULSE TECHNOLOGY AS [NO]

Cited by

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