

Title (en)

A DEVICE FOR TRANSPORTATION OF LIQUIDS BY STEAM OR COMPRESSED AIR

Title (de)

VORRICHTUNG ZUR BEFÖRDERUNG VON FLÜSSIGKEITEN DURCH DAMPF ODER DRUCKLUFT

Title (fr)

DISPOSITIF DE TRANSPORT DE LIQUIDES PAR VAPEUR OU AIR COMPRIME

Publication

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Application

EP 05815080 A 20051110

Priority

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Abstract (en)

[origin: WO2006053409A1] The present invention relates to a method and device for transportation of liquids by compressed gas or steam. According to the invention inside the vessel (1) at least two variable gas volumes V1, V2 are formed. The level of the liquid in the two volumes changes and the switching of the processes of feeding and discharging is made by the created pressure difference between the gas volumes. Inside the device a second volume is formed by providing a cylinder (2) with opened bottom. A tube (10) with an inside valve (5) are installed in the cylinder (2). The movement of valves (3), (4), (5) is sincronized and depends on the position of the cylinder (2). The proposed method and device ensure smooth and throuble-free transportation of liquids.

IPC 8 full level

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