

Title (en)

DEVICE FOR GENERATING KNOCKING OR PULSATING MOVEMENTS IN TUBE WALLS

Title (de)

VORRICHTUNG ZUM EINBRINGEN VON KLOPF- ODER PULSBEWEGUNGEN IN ROHRWÄNDEN

Title (fr)

DISPOSITIF POUR LA GÉNÉRATION DE MOUVEMENTS DE BATTEMENT OU DE PULSATION DANS DES PAROIS TUBULAIRES

Publication

**EP 2828601 B1 20160921 (DE)**

Application

**EP 13713097 A 20130312**

Priority

- DE 102012005804 A 20120321
- EP 2013054937 W 20130312

Abstract (en)

[origin: WO2013139639A1] With a device (1) for introducing beating or pulsed movements into tube walls within a pressure vessel (3), wherein a first ram (7) imparting the beating pulse to the tube wall (2) passes through the pressure vessel wall and is guided into a pressurized first annular space (15a) which is acted upon by a second ram (6), which is guided in a further tubular chamber (11), it is intended to provide a solution by which the wear of the rammer or ram that acts on the tube wall is compensated over as long a time as possible and effective sealing with respect to the surroundings is ensured. This is achieved by the second ram (6) being provided with at least one first guide (6a), acting upon the inner wall of the tubular chamber (11), in the region of the end of said second ram that makes contact with the first ram (7) and being provided with a second guide (6b), fitted with a sealing element, in the region of the end (6c) of said second ram that protrudes from the tubular chamber (11), and by the second ram (6) being enclosed between the two guides (6a, 6b) by a gas-tightly fixed compensator (20).

IPC 8 full level

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CPC (source: EP US)

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