

Title (en)

LIQUID PISTON ARRANGEMENT WITH A PLATE-TYPE HEAT EXCHANGER FOR THE QUASI ISOTHERMAL COMPRESSION AND EXPANSION OF GASES

Title (de)

FLÜSSIGKOLBENANORDNUNG MIT PLATTENTAUSSCHER FÜR DIE QUASI-ISOTHERME VERDICHTUNG UND ENTSPANNUNG VON GASEN

Title (fr)

SYSTÈME À PISTON LIQUIDE POURVU D'UN ÉCHANGEUR À PLAQUES POUR UNE COMPRESSION ET UNE DILATATION PRESQUE ISOTHERMES DE GAZ

Publication

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Application

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Abstract (en)

[origin: US2013213213A1] The invention relates to a liquid piston arrangement for compressing and expanding gases. The liquid piston arrangement includes a liquid piston which is embodied by a liquid level formed by a liquid in a high-pressure space and a stack of sheets with mutually spaced apart sheet metal plates which is supported in the high-pressure space dipping in the liquid and is sequentially flowed around by the liquid.

IPC 8 full level

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