

Title (en)

METHOD AND APPARATUS FOR GENERATING HYDRAULIC PRESSURE

Title (de)

VERFAHREN UND VORRICHTUNG ZUR HYDRAULISCHEN DRUCKERZEUGUNG

Title (fr)

PROCEDE ET DISPOSITIF PERMETTANT D'ENGENDRER UNE PRESSION HYDRAULIQUE

Publication

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Application

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Abstract (en)

[origin: WO0142662A1] The present invention relates to a method of operating an apparatus (1) for generating high hydraulic pressure and having a low pressure piston (12) being displaceable in a low pressure cylinder (2). Said low pressure piston carries a high pressure piston (13) that is displaceable in a high pressure cylinder (3) forming a high pressure chamber (16). The inner wall of the high pressure cylinder carries stationary fluid seals (21, 24, 43) for sealingly engaging the high pressure piston. A continuous restricted outflow of hydraulic fluid is provided from the high pressure chamber (16) at least during the initial phase of the working stroke of the apparatus to thereby relieve the high pressure seal (43). The invention also relates to an apparatus (1) for generating high hydraulic fluid pressure.

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