

Title (en)

DEVICE AND METHOD FOR MAINTAINING A PRODUCED HYDRAULIC PRESSURE

Title (de)

VORRICHTUNG UND VERFAHREN ZUM AUFRECHTERHALTEN EINES ERZEUGTEN HYDRAULISCHEN DRUCKES

Title (fr)

DISPOSITIF ET PROCÉDÉ DE MAINTIEN D'UNE PRESSION HYDRAULIQUE GÉNÉRÉE

Publication

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Application

EP 17707241 A 20170223

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- EP 2017054116 W 20170223

Abstract (en)

[origin: WO2017148779A1] The invention relates to a device (100) for maintaining a hydraulic pressure (p), which can be set by a pressure generator (50). Said device comprises an inlet (110) for coupling to the pressure generator (50); an outlet (120) for providing the hydraulic pressure (p); at least one first check valve (131) and a switching apparatus (140) between the inlet (110) and the outlet (120). The first check valve (131) is designed to open a flow path from the inlet (110) to the outlet (120) when a first opening pressure (p₁) is exceeded and to prevent flow in the opposite direction. The switching apparatus (140) is designed to hold the hydraulic pressure (p) at the outlet (120) if a pressure (p₀) produced by the pressure generator (50) is greater than a switching pressure (p_S) and to reduce the hydraulic pressure (p) at the outlet (120) if a pressure (p₀) produced by the pressure generator (50) is less than the switching pressure (p_S), wherein the switching pressure (p_S) is less than the first opening pressure (p₁).

IPC 8 full level

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Citation (search report)

See references of WO 2017148779A1

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