

Title (en)
SELF-REVERSING RECIPROCATING PISTON PUMP WITH HYDRAULIC TRANSMISSION OF THE INVERSION SIGNAL.

Title (de)
SELBSTUMSTEUERENDE KOLBENPUMPE MIT HYDRAULISCHER ÜBERTRAGUNG DES UMKEHR SIGNALS.

Title (fr)
POMPE A PISTON ALTERNATIF AUTOREVERSIBLE A TRANSMISSION HYDRAULIQUE DU SIGNAL D'INVERSION.

Publication
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Application
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Priority
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Abstract (en)
[origin: WO9008896A1] Pump with a self-reversing piston made to move in a reciprocating rectilinear manner by a source of hydraulic energy including a driving piston which moves with at least one driven piston. Each time it reaches the end of a stroke, the driving piston (1) activates followers (9, 9') in order to move a liquid column (10, 10') which causes a pilot slide valve (13) to be reversed; the latter is designed to reverse the main slide valve (15), which causes the driving piston to move in the other direction, thus ensuring automatic inversion by hydraulic means.

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