Title (en)
PUMP ELEMENT AND PUMP COMPRISING SUCH A PUMP ELEMENT

Title (de)
PUMPELEMENT UND PUMPE MIT EINEM SOLCHEN PUMPELEMENT

Title (fr)
ÉLÉMENT DE POMPAGE ET POMPE COMPORTANT UN TEL ÉLÉMENT DE POMPAGE

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Application
EP 07723635 A 20070327

Priority
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Abstract (en)
[origin: US2009180905A1] A pump element includes a pump element housing defining a pump chamber having an inlet and an outlet, and at least a first movable element movable in the pump chamber between a first and a second position. During a movement of the first movable element in the direction from the first to the second position, a flow resistance of a flow path from the first movable element through the inlet is larger than a flow resistance of a flow path between the pump element housing and the first movable element. During a movement of the first movable element in the direction from the second position to the first position, a flow resistance of a flow path from the first movable element through the outlet is smaller than a flow resistance of the flow path between the pump element housing and the first movable element. Thus, during a reciprocating movement of the first movable element between the first and the second position, a net flow through the outlet takes place.

IPC 8 full level
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