

Title (en)

SPRING ELEMENT AND CORRESPONDING PISTON PUMP FOR DELIVERING FLUIDS

Title (de)

FEDERELEMENT UND KORRESPONDIERENDE KOLBENPUMPE ZUR FÖRDERUNG VON FLUIDEN

Title (fr)

ÉLÉMENT ÉLASTIQUE ET POMPE À PISTON CORRESPONDANTE POUR LE REFOULEMENT DE FLUIDES

Publication

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Application

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Abstract (en)

[origin: WO2012097901A1] The invention relates to a spring element (10), in particular for a piston pump, having a disc-shaped basic body (11), in which at least one spring bridge (16) is inserted. According to the invention, in order to throttle a fluid flow (8), the basic body (11) has at least one dynamic throttle point (14), wherein the basic body (11) is of resilient configuration in the region of the at least one throttle point (14), with the result that the opening cross section of the at least one throttle point (14) can be set variably depending on a pressure difference.

IPC 8 full level

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