

Title (en)

Diaphragmpump with continuously adjustable delivery between zero and a maximum value.

Title (de)

Membranpumpe mit einem zwischen Null- und Maximalwert kontinuierlich verstellbaren Durchfluss.

Title (fr)

Pompe à membrane à débit réglable en continue entre une valeur nulle et une valeur maximale.

Publication

EP 0538123 B1 19941130 (FR)

Application

EP 92402807 A 19921014

Priority

FR 9112820 A 19911017

Abstract (en)

[origin: EP0538123A1] The invention relates to pumping with an adjustable delivery by means of a suction/delivery diaphragm (2) driven in a reciprocating movement: the abovementioned diaphragm (2) is coupled releasably by a connecting rod (5) to an eccentric rotating member (6) rotating continuously, during each reciprocating cycle adjustable stop means (16-21) are used to block the reciprocating movement of the connecting rod (5) when the latter has covered a continuously-adjustable desired fraction of its stroke, and the eccentric rotary member (6) is uncoupled from the blocked connecting rod (5) by virtue of means (11-15), by virtue of which the connecting rod gives the membrane a reciprocating movement of continuously adjustable amplitude between a zero value and a maximum value respectively corresponding to the neutral points of the stroke of the connecting rod, and the delivery is continuously adjusted between a zero value and a maximum value. <IMAGE>

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IPC 8 full level

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