

Title (en)
Electromagnetic pump

Title (de)
Elektromagnetische Pumpe

Title (fr)
Pompe électromagnétique

Publication
EP 1726827 B1 20080326 (EN)

Application
EP 05011167 A 20050524

Priority
EP 05011167 A 20050524

Abstract (en)
[origin: EP1726827A1] A unit utilizing current to control reciprocation for pushing fluids, including a chamber, a magnet, a coil connected with a circuit, a first inlet, a first outlet, a second inlet, a second outlet, a first valve and a second valve. The magnet is slidably disposed in the chamber. The coil is disposed around the chamber for driving the magnet to reciprocally move. The first inlet and first outlet are disposed at one end of the chamber. The second inlet and second outlet are disposed at the other end of the chamber. The first valve is disposed between the first inlet, the first outlet and the chamber. The second valve is disposed between the second inlet, the second outlet and the chamber. The magnet can drive the first and second valves to suck a fluid into the first and second inlets and push a fluid out of the first and second outlets.

IPC 8 full level
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CPC (source: EP)
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