

Abstract of Disclosure

Method for the stepless regulation of the delivery of a suction valve (1) of the plate-type of construction, comprising a valve plate (3) which is actuated by an electromagnet (9) arranged in a valve catcher (6), wherein the electromagnet (9) is so controlled that, in a first control phase (11a), the valve plate (3) firmly contacts the valve catcher (6), or a damper plate (4) arranged between the valve catcher (6) and the valve plate (3) and is blocked, and that, in a second control phase (11b), the electromagnet (9) is controlled by a decaying alternating current, in order to demagnetise the valve plate (3), so that the valve plate (3) is released.