

THE SYSTEM FOR TREATING A FLUID WITH ULTRAHIGH MAGNETIC FIELD

ABSTRACT

By subdividing a casing making the body of the magnetic treatment system, are formed 1) a front chamber being shaped into a trapezoidal prism reversely to the fluid flow direction as connected upstream with an inlet, 2) a rear chamber being shaped into a trapezoidal prism to the fluid flow direction as connected downstream with an outlet, as well as 3) a pair of air-tight magnet chambers being formed on the right and left of the casing where a permanent magnet is housed, respectively, and 4) a prism-shaped magnetic treatment chamber positioned at the center of the casing so that it is communicated with both front and rear chambers. An intermediary unit of magnetic material consisting of a plurality of perforated metal plates and magnetic polar bars is deposited in the magnetic treatment chamber. On the top panel of the casing is provided an air blower having a ball valve with a check valve blowing air into the front chamber, while at the center of said top panel is made a square opening. The casing remains sealed air tight by closing the opening with a covering. The intermediary unit and the air blower being secured to the covering are both made detachable from the casing.

FIGURE 1