ASOCIJACIJA INOVATORA BOSNE I HERCEGOVINE INVENTORS' ASSOCIATION OF BOSNIA AND HERZEGOVINA ASSOCIATION DES INVENTEURS DE BOSNIE ET HERZÉGOVINE ERFINDERVERBAND VON BOSNIEN UND HERZEGOWINA

SELF-ADJUSTING WATER HEATING TANK

THE PROPOSED TANK IS CHARACTERIZED BY A CIRCLE FLOWING PLATE, MOVING BACK AND FORTH ALONG THE TANK AND, SO, LEVELING AND KEEPING TEMPERATURE AT THE PROGRAMMED DEGREE

The idea relates to a continual exchange of the incoming cold and outgoing heater water temperatures, regulated by Hall sensors, making the separating plate simultaneous movements. So, there are practically "two boilers", ensuring permanently constant water temperature.

ADVANTAGES: a) Improved heating efficiency; **b)** Reduced electric power consummation; **c)** Reduced tank size



1) Moving plate, 2) Electromagnetic valves, 3) Hall sensors holders



Inventor Armin HUJIĆ, Univ. Bacc. Inf. SARAJEVO