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(72) Inventor; and
(71) Applicant : **YAPICIOĞLU, Umut** [TR/TR]; Sağlik Mahallesi Bağlan Mevkii 9.Sokak, No:22 Çorlu, Tekirdağ (TR).

(74) Agent: **TIRYAKIOĞLU, Yavuz**; Istek Patent ve Danişmanlik Hizmetleri Ltd. Şti., Kisikli Alemdağ Caddesi No: 77/03, Çamlica Istanbul (TR).

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(54) **Title**: HEAT TRANSFER METHOD FOR HEATING ANY LIQUID AND AIR

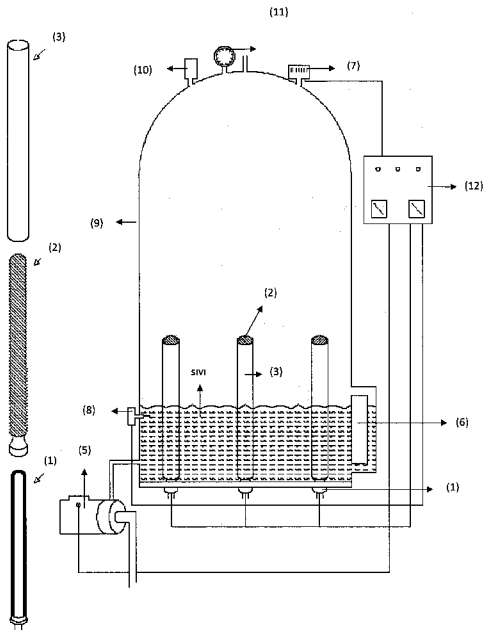

Figure.1.

(57) **Abstract**: The invention is a heat transfer device in the field of thermodynamics and; a heat transfer device used for heating all types of liquids and air formed by using threaded tubes in any field related to electric boiler, electric steam boiler, electrical boiler, bread baking ovens, electric tonnage water heating systems, heating systems running electric hot oil and so on; and using the production method generating steam from electricity, electricity from steam.

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1. The invention is a heat transfer device that is used with the aim of heating the material inside the boiler and that has a resistor (1) kept inside the duct as dry and it is characterized as below;
- hollow grooved tube (2) that has grooves ducts (2.a) progressing by twisting spirally and whose one end is closed,
- while its diameter is narrower than grooved tube (2), the tube (3) that is overspreaded the grooved tube (2) on the mentioned grooved tube (2) after being heated up and expanded and that forms a wall to the grooves ducts (2.a) by seizing on the cooled grooved tube (2)
- has a resistor (1) that is placed and screwed in the grooved tube (2).

2. The invention is a heat transfer device used at the method of heating all kinds of liquid and air stated in Claim 1; and it is characterized by intertwining the grooved tube (2) and tube (3) at 1 mm 10.1 density.