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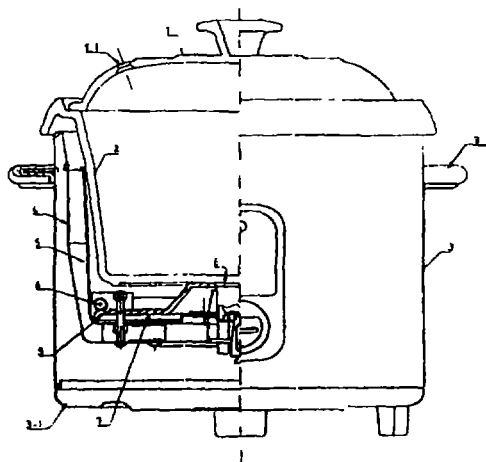
UM: 实用新型

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— 包括国际检索报告。

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(54) Title: A QUICK ENERGY-SAVING RED STONEWARE CERAMIC ELECTRIC HEATING COOKER

(54) 发明名称: 快速节能紫砂陶瓷电热锅



(57) Abstract: A quick energy-saving red stoneware ceramic electric heating cooker includes a cover (1), an inner pot (2), an outer shell (3), a convective radiation sleeve (4), an insulating sleeve (5), a heating element (6) and a heat conductive plate (7). The heat conductive plate is disposed in the insulating sleeve, and there is a raised platform on the plate. The platform (7-1) and temperature-limited element (8) composed a temperature control means, and the inner pot (2) is disposed on the platform. The space between the bottom of the pot and the heating element is less than 5mm, the space between the inner pot and the insulating sleeve is less than 10mm and the space between the insulating sleeve and the convective radiation sleeve is more than 2mm. The air is convecting from bottom to top in the space, which makes the temperature of outer shell fall down and improves the heating temperature an efficiency of heating. The inner pot of the cooker will not break over 350° C, and the cooker has the advantage of saving energy by 30-40 % and limiting temperature correctly. The cooker according to the invention greatly improves the use of red stoneware ceramic cooker.

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