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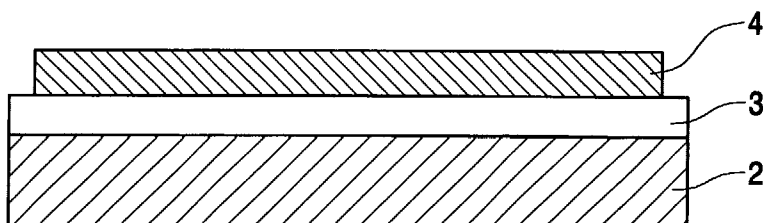
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(54) Title: SOL-GEL BASED HEATING ELEMENT



(57) Abstract: Disclosed is a heating element (1) comprising an electrically insulating layer (3) and an electrically conductive layer (4). At least the electrically conductive layer (4) is based on a hybrid sol-gel precursor comprising an organosilane compound. Also disclosed is an electrical domestic appliance comprising the above heating element. Examples of such domestic appliance include (steam) irons, hair dryers, hair stylers, steamers and steam cleaners, garment cleaners, heated ironing boards, facial steamers, kettles, pressurized boilers for system irons and cleaners, coffee makers, deep fat

fryers, rice cookers, sterilizers, hot plates, hot-pots, grills, space heaters, waffle irons, toasters, ovens, and water flow heaters.

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