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A cooking surface has a thickness which is decided by a compromise between the highest efficiency, the lowest magnetic stray field, and the desired surface material. In the thickness range 0.05 to 0.2 mm the top layer consists of plasma sprayed hard ceramic such as alumina, possibly impregnated with poly-tetra-fluor-ethylene. In the thickness range 0.2 to 2 mm the top layer may consist of a glass fibre reinforced material possibly impregnated with poly-tetra-fluor-ethylene, possibly of a hardened quality, and in the thickness range 1.00 to 3.00 mm the top layer may consist of a vitroceramic or glass material. Scratch resistance and cleanability are combined with an elevated efficiency.

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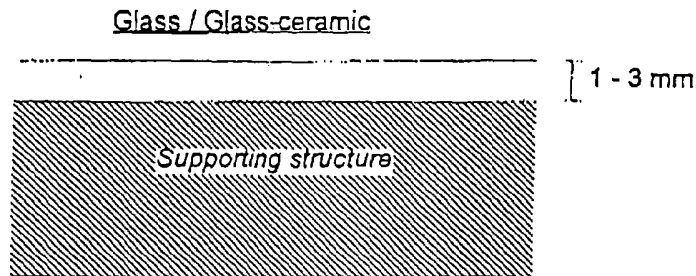
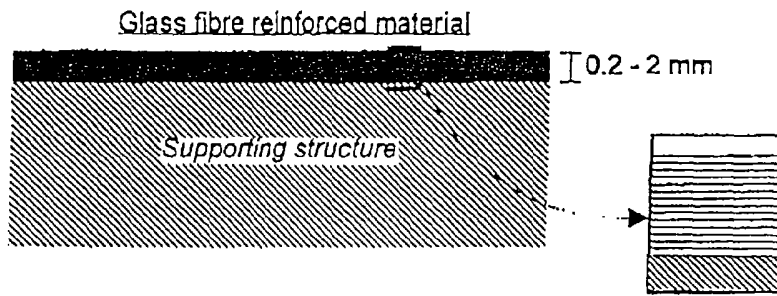
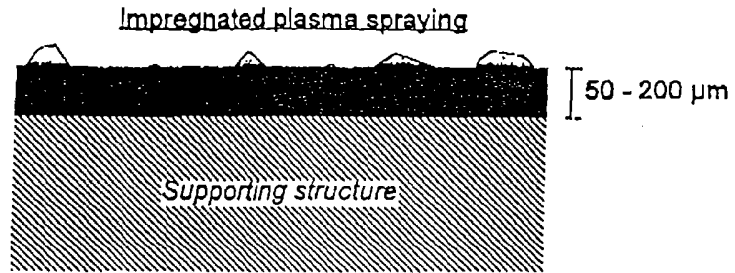


Fig. 3.