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(54) **Title:** HEATING ELEMENT FOR A PLANAR HEATER OF A MOCVD REACTOR

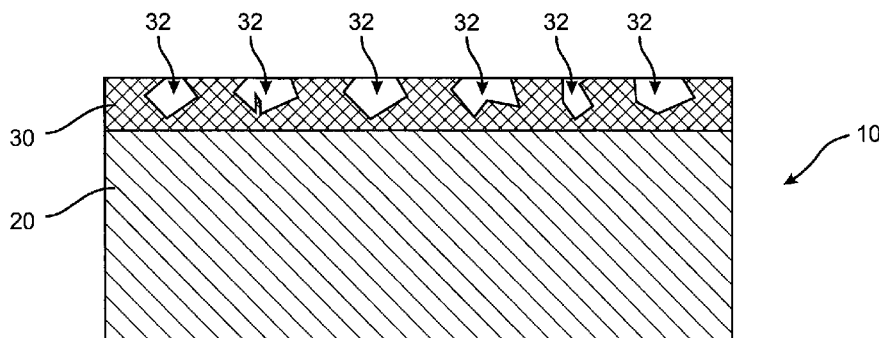


Fig. 5b

(57) **Abstract:** The invention is related to a heating element (10) comprising a heating body (20) which is directly covered at least partly with a porous sintered coating (30), wherein the heating body (20) the porous sintered coating (30) each comprises at least 90 % by weight of tungsten.