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(54) **Title:** PROCESS FOR MANUFACTURING A POROUS BODY BY POWDER METALLURGY AND METALLURGIC COMPOSITION OF PARTICULATE MATERIALS

(57) **Abstract:** The process comprises the steps of: mixing a load of oxide ceramic material particles (10) with a load of space holder particles (20), defined by graphite and/or amorphous carbon; compacting the mixture formed by ceramic material particles (10) and space holder particles (20), to form a compact body (E); and sintering said compact body (E), so that the ceramic material particles (10) form sintering contacts with each other, whereas the carbon of the space holder particles (20) is removed by the reaction with the oxygen in the sintering medium, to form open secondary pores (II), by eliminating the space holder particles (20). The metallurgic composition comprises the mixture of the ceramic material particles (10) with the space holder particles (20).



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