

Abstract

The present invention relates to a method of manufacturing coated substrates. Initially, at least one region of a surface of a porous substrate is provided with at least one surface sealing layer in the method. Then at least one aqueous suspension is applied to the at least one surface sealing layer, with the at least one aqueous suspension comprising at least one refractory metal carbide and water. The substrate is then subjected to a sintering process. The present invention further relates to a coated substrate that is or can be manufactured using the method in accordance with the invention and to the use of such a coated substrate.

5

10