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D-5000 Köln 1(DE)(54) **Method for ceramic coating on metals.**

(57) The invention is a ceramic-coated heat-resistant metal article and process for preparing the article. An aluminum phosphate coating is applied to the metal substrate and a ceramic coating is applied over the aluminum phosphate coated metal substrate. The aluminum phosphate coating can be applied chemically or electrolytically. The ceramic coating can be applied by known methods such as dipping, spraying, chemical vapor deposition, sputtering and flame coating.

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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
A	CHEMICAL ABSTRACTS, vol. 86, 1977, page 330, abstract no. 94697h, Columbus, Ohio, US; & JP-A-76 136 539 (T. OTHA) 26-11-1976 * Abstract * ---	1,6,7,9	C 23 C 28/00 C 23 C 22/83 C 25 B 1/36
A	FR-A- 884 852 (ADAM OPEL) * Claims 1,2 * ---	1,6,7,9	
A	FR-A-2 219 245 (SOCIETE CONTINENTALE PARKER) * Claims 1-4 * ---	2-5,8	
A	CHEMICAL ABSTRACTS, vol. 89, no. 18, October 1978, page 216, abstract no. 150457f, Columbus, Ohio, US; V.F. KARPOV et al.: "Method of producing protective aluminum coatings on steel in vacuo", & VYSSH. MASHINOSTR. 1978, 58(7), 74-6 ---	2-5,8	
A	PATENT ABSTRACTS OF JAPAN, vol. 3, no. 100 (C-56), 24th August 1979, page 167 C 56; & JP-A-54 81 132 (MITSUBISHI KASEI KOGYO K.K.) 28-06-1979 ---		TECHNICAL FIELDS SEARCHED (Int. Cl.4)
A	US-A-4 592 958 (M.F. MOSSER) ---		C 23 C C 25 D
A	PATENT ABSTRACTS OF JAPAN, vol. 4, no. 12 (C-72), 29th January 1980, page 126 C 71; & JP-A-54 148 139 (NIPPON SEITETSU K.K.) 20-11-1979 -----		
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 26-10-1989	Examiner ELSEN D.B.A.
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	