



Europäisches Patentamt
European Patent Office
Office européen des brevets

Publication number:

0 005 890
A3

12

EUROPEAN PATENT APPLICATION

21 Application number: 79200272.7

51 Int. Cl.³: C 25 D 15/02

22 Date of filing: 05.06.79

30 Priority: 06.06.78 NL 7806118

71 Applicant: Akzo N.V., IJssellaan 82, NL-6800 LS Arnhem (NL)

43 Date of publication of application: 12.12.79
Bulletin 79/25

72 Inventor: Zuurdeeg, Eduard, Lunenburg 1, NL-6714 GL Ede (NL)

84 Designated Contracting States: AT BE CH DE FR GB IT
NL SE

88 Date of deferred publication of search
report: 09.01.80 Bulletin 80/1

74 Representative: Sleders, René et al, P.O.Box 314,
NL-6800 AH Arnhem (NL)

54 Process for depositing composite coatings containing inorganic particles from an electroplating bath.

57 Solid inorganic particles and metals are codeposited from electroplating baths to form a coating of a very homogeneous structure, said positively charged resin particles, which have a particle size of less than 300 μm , being kept dispersed in said baths in the presence of a cationic fluorocarbon surfactant in at least the same weight ratio to the particles in the bath liquid as in an 0,005 N KNO_3 -solution in which the particles assume a zeta-potential of at least +40 mV with the exclusive use of said cationic fluorocarbon compound. •

EP 0 005 890 A3



European Patent
Office

EUROPEAN SEARCH REPORT

0005890
Application number
EP 79 20 0272

DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int. Cl. ²)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
	<u>US - A - 3 677 907</u> (BROWN) * Whole patent *	1,4,6	C 25 D 15/02
	--		
	<u>DE - A - 2 632 214</u> (SONY) * Page 11, page 12; claims 1-12 *	3	
	--		
	<u>DE - A - 2 643 758</u> (AKZO) * Page 13, page 14 *	3	TECHNICAL FIELDS SEARCHED (Int.Cl. ²)
	----		C 25 D 15/00
			CATEGORY OF CITED DOCUMENTS
			X: particularly relevant A: technological background O: non-written disclosure P: intermediate document T: theory or principle underlying the invention E: conflicting application D: document cited in the application L: citation for other reasons
			&: member of the same patent family, corresponding document
<input checked="" type="checkbox"/>	The present search report has been drawn up for all claims		
Place of search	Date of completion of the search	Examiner	
The Hague	11-09-1979	VAN LEEUWEN	