

12 **EUROPEAN PATENT APPLICATION**

21 Application number: 80300711.1

51 Int. Cl.³: **C 25 D 5/12**
C 25 D 5/56

22 Date of filing: 07.03.80

30 Priority: 09.03.79 US 19074
30.03.79 US 25492

43 Date of publication of application:
17.09.80 Bulletin 80/19

88 Date of deferred publication of search report: 08.04.81

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

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54 **An electroplated plastics object and a process for the manufacture thereof.**

57 The present invention provides an electroplated plastics object that will withstand severe conditions without the electrodeposit separating from the substrate. It comprises a substrate of directly plateable plastics material on top of which is electrodeposited successively (i) a nickel-based alloy layer consisting of either 5 to 50% iron and 0 to 20% cobalt or 10 to 60% cobalt, the balance being nickel which must be at least 50% in the iron-containing alloy, (ii) a layer of pure nickel or of nickel-cobalt alloy, and (iii) a layer of chromium. Further intermediate layers may also be included.



European Patent
Office

EUROPEAN SEARCH REPORT

0015765

Application number

EP 80 30 0711

DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int. Cl. ³)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
AD	<u>US - A - 3 865 699</u> (LUCH) * Column 7, lines 13-16 * --		C 25 D 5/12 5/56
A	<u>US - A - 4 009 093</u> (LUCH) * Column 7, lines 8-11 * ----		
			TECHNICAL FIELDS SEARCHED (Int. Cl. ³)
			C 25 D 5/56
			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 The Hague		Date of completion of the search 12-01-1981	Examiner NGUYEN THE NGHIEP