Title (en)

PROCESS FOR ELECTROLYTIC COLOURING OF ANODIC OXIDE LAYERS PRODUCED ON ALUMINIUM

Publication

EP 0011097 B1 19810617 (DE)

Application

EP 79103288 A 19790905

Priority

DE 2850136 A 19781118

Abstract (en)

[origin: US4401525A] A two-step process for electrolytically coloring aluminum with metal salts is disclosed in which an oxide layer, produced by direct current in an acidic solution, is colored by means of an alternating current through an electrolyte containing a tin(II) salt. The electrolyte inventively contains 1 to 10 g/l iron(II) salts of sulfuric acid, a sulfuric acid with at most 8 carbon atoms or of sulfamic acid. The process prevents the formation of deposits in the electrolytes on standing. In addition, a considerable color-enhancing effect can be achieved.

IPC 1-7

C25D 11/22

IPC 8 full level

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CPC (source: EP US)

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EP 0011097 A2 19800528; **EP 0011097 A3 19800611**; **EP 0011097 B1 19810617**; AT E87 T1 19810715; BR 7906756 A 19800603; DE 2850136 A1 19800522; DE 2850136 B2 19810122; DK 486579 A 19800519; US 4401525 A 19830830

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