

Title (en)

Method of forming multicolor aluminium alloy

Title (de)

Verfahren zum Bilden einer mehrfarbigen Aluminiumlegierung

Title (fr)

Procédé de formation d'alliage en aluminium multi-couleur

Publication

**EP 2177647 A1 20100421 (EN)**

Application

**EP 09168633 A 20090825**

Priority

TW 97140159 A 20081020

Abstract (en)

A method for forming multicolor aluminum alloy part has steps of preparing, surface treating, forming, processing and reprocessing. Preparing comprises providing an aluminum alloy substrate and cleaning with water. Surface treating comprises disposing the substrate in a first electrolytic solution to form a base oxide layer by anodizing. Forming comprises applying a membrane of transparent, acid-proof, insulating plastic on the substrate. Processing has locally removing an area of the membrane and corresponding oxide layer from the substrate and cleaning. Reprocessing has disposing the clean substrate in a subsequent electrolytic solution to form a subsequent oxide layer by anodizing on areas of the substrate exposed by local removal of an area of the membrane.

IPC 8 full level

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CPC (source: EP US)

**C25D 11/022** (2013.01 - EP US); **C25D 11/04** (2013.01 - EP); **C25D 11/12** (2013.01 - EP); **C25D 11/14** (2013.01 - EP)

Citation (search report)

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