

Title (en)
Aluminium surfaces with interference colours

Title (de)
Aluminiumoberfläche mit Interferenzfarben

Title (fr)
Surfaces d'aluminium avec des couleurs d'interférence

Publication
EP 0802267 B1 20000105 (DE)

Application
EP 96810245 A 19960418

Priority
EP 96810245 A 19960418

Abstract (en)
[origin: EP0802267A1] Interference layer contains an aluminium oxide layer and a partially transparent layer deposited on it. The novelty is that the aluminium oxide layer is an anodically produced, transparent and pore-free barrier layer with a thickness of according to the required surface colouring of the interference layer. The thickness d is 20-900 nm, and the partially transparent layer has a wavelength dependent transmission $t(\lambda)$ which is 0.1-1. Production of the interference layer is also claimed.

IPC 1-7
C25D 11/18

IPC 8 full level
C25D 11/04 (2006.01); **C25D 11/18** (2006.01)

CPC (source: EP US)
C25D 11/04 (2013.01 - EP US); **C25D 11/18** (2013.01 - EP US); **Y10T 428/31678** (2015.04 - EP US)

Cited by
EP1970256A3; DE102008034189B3; AU2014286904B2; US11131035B2; WO2015000003A1; US8377561B2; US8747641B2; EP2904131A1

Designated contracting state (EPC)
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