

Title (en)  
Article with optical effect

Title (de)  
Gegenstand mit optischem Effekt

Title (fr)  
Article avec un effet optique

Publication  
**EP 1767381 A1 20070328 (DE)**

Application  
**EP 05405548 A 20050920**

Priority  
EP 05405548 A 20050920

Abstract (en)  
An object with an optical effect in which the surface zone with the optical effect has at least two image patterns (12,14) lying one behind the other and with a change in the viewing angle, the optical perception of the complete image changes, where a first image pattern (12) is formed on the surface of a material layer (10), and the second image pattern (14) through holographic coding virtually lies in the apparent space (d) to the first (12) image pattern. An independent claim is included for application of an object in the form of a package.

IPC 8 full level  
**B42D 15/00** (2006.01); **B42D 15/10** (2006.01)

CPC (source: EP US)  
**B42D 25/342** (2014.10 - EP US)

Citation (applicant)  
• US 4662653 A 19870505 - GREENAWAY DAVID L [CH]  
• US 4632430 A 19861230 - WICKER RALPH C [US]  
• EP 0348583 A2 19900103 - FORM PLAST S P A [IT]  
• WO 9719820 A1 19970605 - LANDIS & GYR TECH INNOVAT [CH], et al  
• WO 9815418 A1 19980416 - SECURENCY PTY LTD [AU], et al  
• DE 3120653 A1 19821216 - DORNIER SYSTEM GMBH [DE]  
• EP 1089883 A1 20010411 - ALUSUISSE TECH & MAN AG [CH]

Citation (search report)  
• [AD] EP 1089883 B  
• [A] US 2003179364 A1 20030925 - STEENBLIK RICHARD A [US], et al  
• [A] US 2005094229 A1 20050505 - DEINHAMMER HARALD [AT], et al  
• [A] US 2005063067 A1 20050324 - PHILLIPS ROGER W [US], et al

Designated contracting state (EPC)  
AT BE CH DE ES FR GB IE IS IT LI NL PL TR

Designated extension state (EPC)  
AL BA HR MK YU

DOCDB simple family (publication)  
**EP 1767381 A1 20070328; EP 1767381 B1 20081105**; AT E413287 T1 20081115; CA 2559837 A1 20070320; CA 2559837 C 20130108; DE 502005005902 D1 20081218; ES 2313264 T3 20090301; PL 1767381 T3 20090430; US 2007075150 A1 20070405

DOCDB simple family (application)  
**EP 05405548 A 20050920**; AT 05405548 T 20050920; CA 2559837 A 20060918; DE 502005005902 T 20050920; ES 05405548 T 20050920; PL 05405548 T 20050920; US 51147406 A 20060829