

Title (en)  
Patterned dichroic security features

Title (de)  
Gemustertes dichroisches Sicherheitskennzeichen

Title (fr)  
Caractéristiques de sécurité dichroïques à motifs

Publication  
**EP 1452338 A1 20040901 (EN)**

Application  
**EP 03004494 A 20030228**

Priority  
EP 03004494 A 20030228

Abstract (en)  
A novel security item is proposed which is characterised by at least one security element having at least one segment comprising at least one latent VIS absorber with linearly polarized absorption and/or linearly polarized emission. Such a security item can be used to generate spatially resolved areas of different colour in the visible spectral range in combination with linear polarisation, providing a very effective means for protecting documents like banknotes, identification cards, credit cards, and the like.

IPC 1-7  
**B42D 15/10**; **B41M 3/14**; **D21H 21/48**

IPC 8 full level  
**B41M 3/14** (2006.01); **B42D 15/10** (2006.01); **D21H 21/48** (2006.01)

CPC (source: EP US)  
**B41M 3/14** (2013.01 - EP US); **B42D 25/00** (2014.10 - EP); **B42D 25/20** (2014.10 - US); **D21H 21/48** (2013.01 - EP US)

Citation (search report)

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