

Title (en)  
SECURITY ELEMENT AND METHOD FOR PRODUCING SAME

Title (de)  
SICHERHEITSELEMENT UND VERFAHREN ZU SEINER HERSTELLUNG

Title (fr)  
ELEMENT DE SECURITE ET PROCEDE POUR SA PRODUCTION

Publication  
**EP 1744903 B2 20161102 (DE)**

Application  
**EP 05743575 A 20050429**

Priority

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Abstract (en)  
[origin: US2007216518A1] The present invention relates to a security element ( 30 ) for securing valuable articles, having a first optically active layer ( 32 ) that is present at least in some areas and comprises a cholesteric liquid crystal material. According to the present invention, a second optically active layer ( 34 ) that is present at least in some areas is provided, the first and the second layer ( 32, 34 ) being stacked in an overlap area. Here, the first optically active layer ( 32 ) selectively reflects light in a first wavelength range having a first circular polarization direction, and the second optically active layer ( 34 ), either itself or, in the overlap area, in coaction with the first optically active layer ( 32 ), selectively reflects light in a second wavelength range having a second direction of circular polarization.

IPC 8 full level  
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Opponent :  
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