

Title (en)  
Method for manufacturing a data medium

Title (de)  
Verfahren zur Herstellung eines Datenträgers

Title (fr)  
Procédé pour la réalisation d' un support de données

Publication  
**EP 1775675 A1 20070418 (DE)**

Application  
**EP 05405581 A 20051012**

Priority  
EP 05405581 A 20051012

Abstract (en)  
The method for manufacturing a data carrier (1) involves a substrate (6) with at least one security element (7) pressed on it and having, for example, laser data (2, 4, 5) inserted in the substrate. The security element is printed such that tilting of the data carrier reveals different views. The data carrier may be printed with a laser-active print colour which may have black portion that is portioned such that the printed colour may be partially converted with a laser. The printed colour may be converted in a silver-colour, particularly a silver-grey, pigment.

IPC 8 full level  
**G06K 19/10** (2006.01)

CPC (source: EP US)  
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Citation (search report)  
• [A] GB 2132136 A 19840704 - METAL BOX PLC  
• [A] US 4629215 A 19861216 - MAURER THOMAS [DE], et al  
• [A] US 4735670 A 19880405 - MAURER THOMAS [DE], et al  
• [A] WO 0235444 A1 20020502 - ORGA KARTENSYSTEME GMBH [DE], et al  
• [X] EP 0723246 A2 19960724 - GIESECKE & DEVRIENT GMBH [DE]  
• [X] CA 2405249 A1 20040324 - CANADIAN BANK NOTE CO LTD [CA]  
• [X] EP 1389537 A1 20040218 - AGENCY IND SCIENCE TECHN [JP]

Cited by  
EP2130682A1

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DOCDB simple family (publication)  
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DOCDB simple family (application)  
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