

Title (en)
Method for producing a data carrier and data carrier obtainable therefrom

Title (de)
Verfahren zum Herstellen eines Datenträgers und daraus erhältlicher Datenträger

Title (fr)
Procédé de fabrication d'un support de données et support de données ainsi obtenu

Publication
EP 2644406 A3 20171108 (DE)

Application
EP 13001582 A 20130327

Priority
DE 102012006623 A 20120330

Abstract (en)
[origin: EP2644406A2] The method comprises providing a data carrier comprising a substrate disposed on a front side and a strip-shaped security element or a laser-sensitive marking (3) arranged on a rear side of the carrier, and subjecting the laser-sensitive marking to laser radiation to produce a mark that is applied on the front side of the carrier. The data carrier comprises an image obtained on the front side by laser radiation. The strip-shaped security element or laser-sensitive marking has a laser-sensitive marking area that is disposed opposite to the substrate on the front side of the carrier. The method comprises providing a data carrier comprising a substrate disposed on a front side and a strip-shaped security element or a laser-sensitive marking (3) arranged on a rear side of the carrier, and subjecting the laser-sensitive marking to laser radiation to produce a mark that is applied on the front side of the carrier. The data carrier comprises an image obtained on the front side by laser radiation. The strip-shaped security element or laser-sensitive marking has a laser-sensitive marking area that is disposed opposite to the substrate on the front side of the carrier. The mark comprises is formed on the front side of the data carrier when the mark has visually discernible differences in brightness of transmitted light, and has a higher brightness. A laser-sensitive recording layer (2) is formed on the laser-sensitive marking area so that a visually detectable marker generated on the rear side of the substrate through which the laser radiation penetrates has difference in line width and/or intensity of the color or contrast.

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Citation (search report)
• [X] WO 2005108106 A1 20051117 - GIESECKE & DEVRIENT GMBH [DE], et al
• [XI] WO 2006066803 A1 20060629 - GIESECKE & DEVRIENT GMBH [DE], et al
• [I] DE 102009048145 A1 20110407 - GIESECKE & DEVRIENT GMBH [DE]

Cited by
CN107434113A; EP2886362A1

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AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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