

EXHIBIT 15



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Riedl

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(54) **DATA STORAGE CARD AND METHOD FOR THE MANUFACTURE OF A DATA STORAGE CARD**

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,756,557	A	7/1988	Kaule et al.	
5,830,561	A *	11/1998	Hagner	428/195.1
5,928,788	A *	7/1999	Riedl	428/411.1
6,776,933	B1	8/2004	Chatwin et al.	
2005/0040242	A1 *	2/2005	Beenau et al.	235/492
2006/0249951	A1 *	11/2006	Cruikshank et al.	283/92
2008/0272513	A1 *	11/2008	Stenzel	264/173.17
2010/0026943	A1 *	2/2010	Jagt et al.	349/115

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 203 days.

FOREIGN PATENT DOCUMENTS

AU	3378084	A	4/1985
DE	69901886	T2	11/2002
DE	10 2004 013 201	A1	10/2005
EP	0185396	A2	6/1986
EP	0 640 940	A2	3/1995
EP	0 707 282	A2	4/1996
GB	2 348 394	A	10/2000
JP	267543	A	10/1997

OTHER PUBLICATIONS

International Search Report in PCT/EP2009/004453, Jan. 28, 2010.

* cited by examiner

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(30) **Foreign Application Priority Data**

Jun. 20, 2008 (DE) 10 2008 029 433

(51) **Int. Cl.**
G06K 19/00 (2006.01)

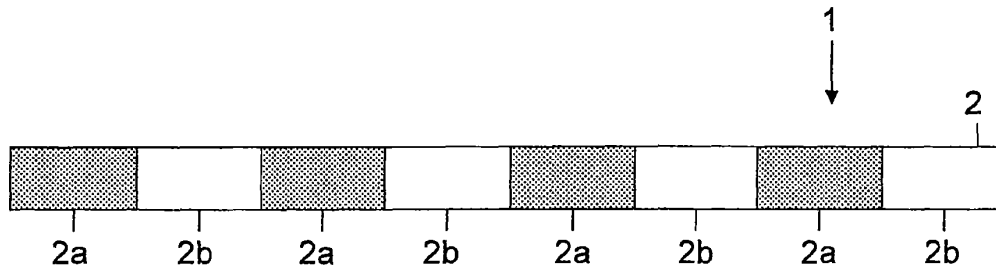
(52) **U.S. Cl.**
USPC **235/487**; 235/488

(58) **Field of Classification Search**
USPC 235/487, 492, 488, 486, 454
See application file for complete search history.

(57) **ABSTRACT**

A data carrier card and a method for producing a data carrier card, in particular a chip card or magnetic stripe card. The data carrier card has a card body having one or several foils, where the foil or at least one of the foils is a coextruded foil having at least two areas with different material properties. The use of coextruded foils makes it possible to form in a simple manner different areas in the card body which differ from each other in material quality. In particular, it is possible to form for example a data carrier card with a card body having a plurality of alternating opaque and transmissive strips or with window strips and/or windows enclosed in the surface of the card body.

19 Claims, 4 Drawing Sheets



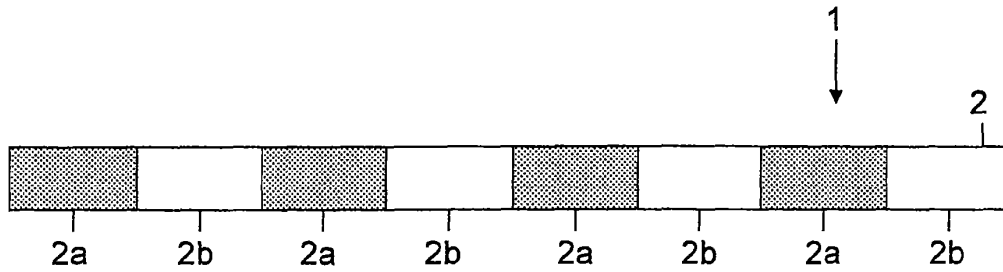


Fig. 1

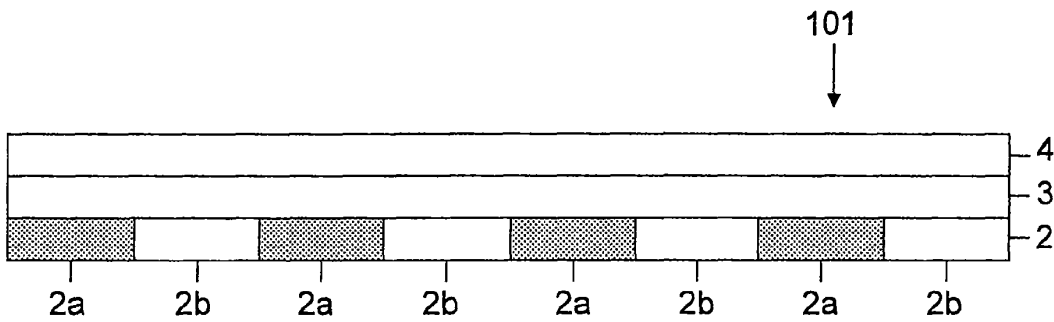


Fig. 2

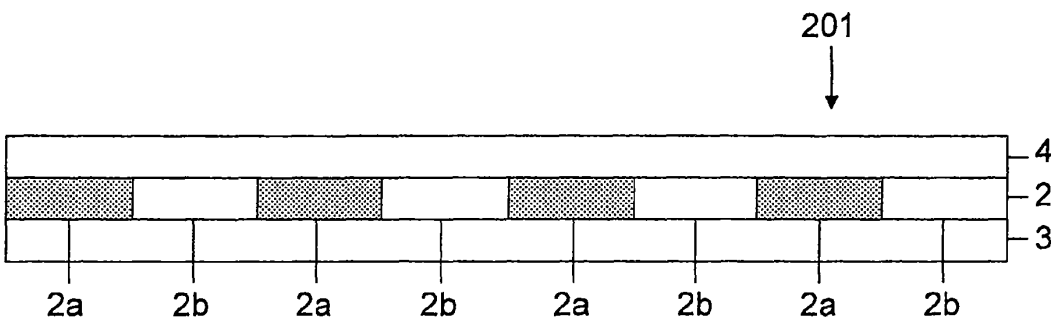


Fig. 3

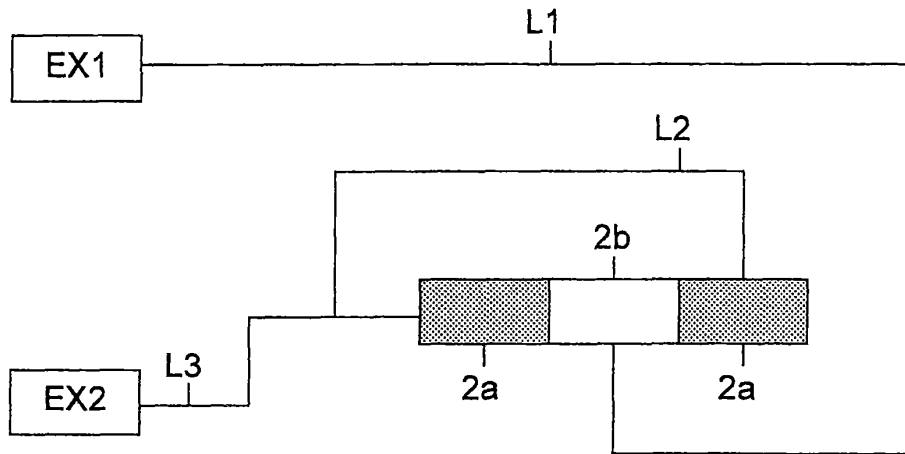


Fig. 4

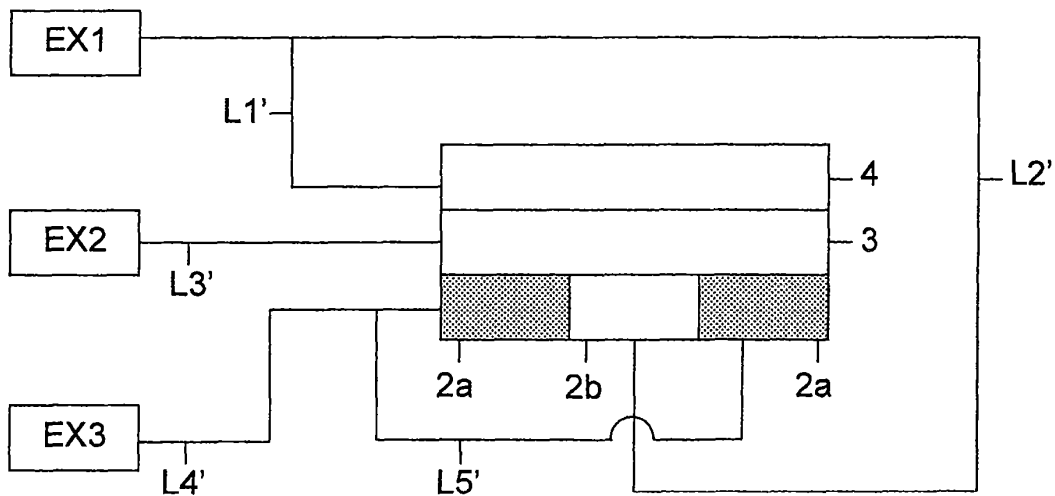


Fig. 5

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