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(54) **Security element for documents, bank notes, security paper and the like**

(57) A security element (10; 20; 30) for documents, bank notes, security paper and the like comprises a continuous supporting layer (31) on which there is at least one metallized layer (12; 22; 32) which forms at least one high-reflectance region (12; 22; 32). A layer of print (13; 24; 35) forming a low-reflectance region (13; 24; 35) is

formed in another region than the metallized layer (12; 22; 32), in order to have, when the security element (10; 20; 30) is at least partially inserted in a document and the like, a different dimensional perception of the security element (10; 20; 30) when viewed under reflected light and when viewed against the light.

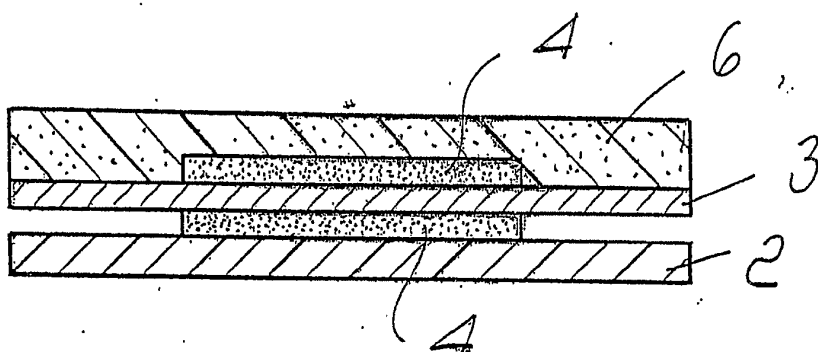


Fig. 4

EP 2 363 297 A3



EUROPEAN SEARCH REPORT

Application Number
EP 11 15 6603

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
A	US 6 199 911 B1 (HASLOP JOHN MARTIN ET AL) 13 March 2001 (2001-03-13) * column 4, line 46 - column 5, line 48; figures 1-10 *	1-15	INV. B42D15/00
A	DE 42 12 290 C1 (LEONHARD KURZ) 27 May 1993 (1993-05-27) * page 2, line 48 *	1-15	
			TECHNICAL FIELDS SEARCHED (IPC)
			B42D G06K
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 6 June 2012	Examiner Sartor, Michele
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

2
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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 11 15 6603

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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06-06-2012

Patent document cited in search report	Publication date	Patent family member(s)	Publication date	
US 6199911	B1	13-03-2001	AU 7398098 A	22-10-1998
			BR 9807904 A	22-02-2000
			CA 2285251 A1	08-10-1998
			CN 1251630 A	26-04-2000
			DE 69818812 D1	13-11-2003
			DE 69818812 T2	12-08-2004
			EP 0972111 A1	19-01-2000
			ES 2209123 T3	16-06-2004
			GB 2323814 A	07-10-1998
			HK 1022337 A1	02-01-2004
			ID 20018 A	10-09-1998
			PL 335888 A1	22-05-2000
			RU 2189413 C2	20-09-2002
			US 6199911 B1	13-03-2001
			WO 9844199 A1	08-10-1998

DE 4212290	C1	27-05-1993	NONE	
