

19



Europäisches Patentamt
European Patent Office
Office européen des brevets

Publication number:

**0 261 780
A3**

20

EUROPEAN PATENT APPLICATION

21 Application number: 87306941.3

51 Int. Cl.⁴ A63F 3/06

22 Date of filing: 05.08.87

30 Priority: 22.08.86 US 899424

43 Date of publication of application:
30.03.88 Bulletin 88/13

84 Designated Contracting States:
DE FR GB IT

63 Date of deferred publication of the search report:
19.07.89 Bulletin 89/29

27 Applicant: MINNESOTA MINING AND
MANUFACTURING COMPANY
3M Center, P.O. Box 33427
St. Paul, Minnesota 55133-3427(US)

28 Inventor: Rolyea, Keith E. Minnesota Mining
and
Manufacturing Company 2501 Hudson Road
St. Paul Minnesota 55133-3427(US)

72 Representative: Baillie, Iain Cameron et al
c/o Ladas & Parry Isartorplatz 5
D-8000 München 2(DE)

54 Hidden image system.

57 A sheet is provided which upon abrasion of one
surface will reveal a preprinted message without
removal of an opaque cover layer.

EP 0 261 780 A3



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 4)
Y	GB-A-1 520 919 (LINDSELIUS) * Claim 1 *	1-8	A 63 F 3/06
Y,D	US-A-3 540 914 (CHAO-HAN LIN) * Figure 1 *	1-8	
Y,D	US-A-4 111 462 (LANGE et al.) * Claim 1 *	5-8	
A,D	US-A-3 682 673 (MANSKE) * Column 5, lines 15-27 *	1	
A	DE-A-2 406 911 (MECKE) * Page 2, lines 12-22 *	1	
			TECHNICAL FIELDS SEARCHED (Int. Cl. 4)
			A 63 F
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 19-04-1989	Examiner GLAS J.
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			