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(54) **Tamper-resistant element for use in speaker recognition**

Manipulationssicheres Element zur Verwendung bei der Sprechererkennung

Élément inviolable destiné à être utilisé dans la reconnaissance du speaker

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(56) References cited:
• **STRUIF BET AL: "Smartcards with biometric user verification", MULTIMEDIA AND EXPO, 2002. ICME '02. PROCEEDINGS. 2002 IEEE INTERNATIONAL CONFERENCE ON LAUSANNE, SWITZERLAND 26-29 AUG. 2002, PISCATAWAY, NJ, USA, IEEE, US, vol. 2, 26 August 2002 (2002-08-26), pages 589-592, XP010604829, ISBN: 978-0-7803-7304-4**
• **STRUIF B: "Use of Biometrics for User Verification in Electronic Signature Smartcards", PROCEEDINGS E-SMART, LNCS2140, 1 January 2001 (2001-01-01), pages 220-227, XP009179042, Retrieved from the Internet: URL: <http://zavir.sit.fraunhofer.de/str01.pdf>**

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- WOO-YONG CHOI ET AL: "SVM-based speaker verification system for match-on-card and its hardware implementation", ETRI JOURNAL, ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE, KR, vol. 28, no. 3, 1 June 2006 (2006-06-01), pages 320-328, XP009179016, ISSN: 1225-6463
- SANCHEZ-REILLO R ET AL: "Architectures for Biometric Match-on-Token Solutions", PROC. BIOAW, LNCS 3087 , 1 January 2004 (2004-01-01), pages 195-204, XP009179043, Retrieved from the Internet:
URL:http://download.springer.com/static/pdf/149/chp%253A10.1007%252F978-3-540-25976-3_18.pdf?auth66=1405502914_ecc631f0a2425341b1621b3d2d3d8172&ext=.pdf
- HACHEZ G ET AL: "Biometrics, Access Control, Smart Cards: A not so simple Combination", INTERNET CITATION, 2000, XP002365153, Retrieved from the Internet:
URL:<http://citeseer.ist.psu.edu/378715.htm> [retrieved on 2006-01-31]