

ICS 13.310
CCS A 92

GA

**INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GA 426.12-2008

**Fingerprint data exchange format--Part 12: Tenprint to tenprint
matching candidate description data format**

指纹数据交换格式 第12部分：查重比对结果候选信息记录格式

(English Translation)

Issued on: July 24, 2008

Implemented on: July 24, 2008

Issued by: Ministry of Public Security

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Foreword

All technical content in this section is mandatory.

GA 426 "fingerprint data interchange format" is divided into 14 parts.

- Part 1. fingerprint data interchange file format specification;
- Part 2. Task Description class record format;
- Part 3. Ten fingerprint information recording format;
- Part 4. scene fingerprint information recording format;
- Part 5. Positive fingerprint check and the investigations than the information recording format;
- Part 6. fingerprint check is heavier than the information recording format;
- Part 7. Chubby string fingerprint information recording format;
- Part 8. Field fingerprint query request information recording format;
- Part 9. Ten fingerprints query request information recording format;
- Part 10. Chubby positive results of candidate information recording format;
- Part 11. The results of the investigations than the candidate information recording format;
- Part 12. check the results of the candidate is heavier than the information recording format;
- Part 13. string search result candidates than the information recording format;
- Part 14. Customizing the logical record format.

This is Part 12 GA 426 is.

This part is proposed by the Ministry of Public Security Criminal Investigation Bureau.

The criminal section of the National Criminal Information Technology Standardization Technical Committee Technical Committee (SAC/TC179/SC2) centralized.

This section drafted by. Ministry of Public Security Criminal Investigation Bureau, Jiangsu Provincial Public Security Criminal Investigation Bureau, Ministry of Public Security Evidence Identification Center, Aerospace Science and Industry collection Group II Hospital 2 seven, Beijing PKU Fingerprint Technology Co., Ltd., Beijing Orient Golden Finger Technology Co., Ltd., Beijing Hisign tech CO., LTD.

1 Scope

This section specifies the GA 426 fingerprint data exchange file format the results of the investigation are heavier than the candidate recorded information.

This section applies to inter-automated fingerprint identification system to check the results of the candidate heavier than the exchange of information.

2 Normative references

The following documents contain provisions which, through reference in this Part of GA 426 constitute provisions of this section. For dated references, all subsequent amendments (not including errata content) or revisions do not apply to this section, however, encourage the agreement on this section Whether the parties can study the latest versions of these documents. For undated reference documents, the latest versions apply to this section.

GB/T 1988-1998 Technical information interchange bit coded character set (eqv ISO/IEC 646:1991) GA 380-2002 National Public Security Organs coding rules for GA 426.3-2008 fingerprint data interchange formats - Part 3. Ten fingerprint information recording format GA 773-2008 AFIS term GA 776-2008 AFIS product Encoding Rules

3 Terms and Definitions

GA 773-2008 terms and definitions apply to this section established.

4 Check the results of the candidate is heavier than the information recording structure

Each check is heavier than the results of a candidate information records can be transferred to one or more fingers fingerprint comparison results of candidate information. Ten finger Fingerprint pattern of the image information, feature information and customized information using business logic class 2 transfer recording, the recording format see GA 426.3-2008. When transmitting a plurality of fingerprint information between the fingerprint information with the record separator "GS" separator. Logical record last byte file structure

Beam symbol "FS".

5 re-check the results of the candidate than the information recording data item name and format Re-check the results of the candidate than the information recording data item names and the format shown in Table 1.

Table 1 heavier than the results of the investigation of candidate information recording data item name and format

No. Name Type Length Description RMS 101 logical record length character 8 logical record length

102 Logical Record Type 2 Fill character "11" is

103 No. 6 character

This record represents the first 11-bit logical record class Set, starting from 1 count 104 character codes than Method 4 Represents the type of system cost raw data logical records, see GA 776-2008