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

GB 25893.1-2010

**Information technology -- Universal multi-octet coded character
set -- Mongolian nominal characters and presentation forms. 16
Dot matrix font -- Part 1: Bai Ti**

信息技术 通用多八位编码字符集 蒙古文名义字符与变形显现字符 16点阵字型 第
1部分：白体

(English Translation)

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Introduction

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Foreword

All technical content in this section is mandatory.

GB 25893 "Information technology - Universal Multiple-Octet Coded Character Set Mongolian nominal character and deformation showing characters - 16 dot matrix" Divided into the following sections.

--- Part 1. white body;

--- Part 2. journalism.

This is part of the GB Part 125 893.

This section is based on GB/T 26226 "Information technology deformation appears Mongolian character set and control characters using the rules" under the mask Ancient nominal character and deformed characters appear in our Mongolian region-specific white body font based on the design and provision of information processing Mongolia

16 White classical lattice body (see Appendix A) fonts.

This part of the Annex A, Annex B, Annex C is informative annex, Annex D is normative appendix.

This part of the National Information Technology Standardization Technical Committee (SAC/TC28) and focal points.

Introduction

Authorization to use the relevant font data transfer matters, to maintain the standard font data, updating and revision of unity is responsible for the centralized units.

Information technology - Universal Multiple-Octet Coded Character Set Mongolian

characters appear in the name of the character and deformation 16 dot matrix font - Part 1.
white body

1 Scope

GB This section 25893 specifies the GB/T 26226 in the name of the character Mongolian and deformation characters appear white body 16 dot font.

This section applies to Mongolian information processing apparatus of the dot matrix display and printing equipment can also be used for other related equipment.

2 Normative references

The following documents contain provisions which, through reference in this text, constitute provisions of this part. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this section, however, encourage the parties to this part of the research agreement Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this section.

GB 13000 Information technology - Universal Multiple-Octet Coded Character Set (UCS) (GB 13000-2010, ISO/IEC 10646:2003, IDT) GB/T 26226 IT Mongolian deformation show the character set and control characters use rules

3 Terms and Definitions

The following terms and definitions apply to this section.

Font glyph

One kind of recognizable abstract graphic symbol, it does not depend on any particular design.

Font font

Glyph image set having the same basic design, such as. white body.

Bitmap fonts dotmatrixfont in a collection of dots to show the graphic character (type) form.

Word order characterorder Graphic character in the set are arranged according to certain rules of order.

Character height fontheight Effective height of the dot graphic characters in dots.

4 Mongolian graphic characters

4.1

The number of characters in accordance with the provisions of this part of GB/T 26226,

providing 502 Mongolian graphic characters, in which.

- a) the name of the character 156;
- b) a single deformed characters appear 152;
- c) Mandatory assembly 194 words.

Information See Appendix Mongolian graphic character code and serial number data B.

4.2

A character sequence this section provides 502 Mongolian graphic character dot matrix font, the order of the order GB/T 26226 stipulated order.

5 Standard data management

To strengthen the management of information technology products with Mongolia text font and font standard data, data in this section to ensure the implementation of Consistency and correctness. Matters relating to the use of authorized transfer font data, the font standard data maintenance, updating and revision of unity the responsibility of the focal point.

The method represents bitmap fonts

6.1 Grid

Equidistant grid by a number of vertical and horizontal lines intersect to form.

This section provides 16 dot matrix (refer to the letter box) font, which is a lateral grid 16 grid, 16 longitudinal grid. The center of each square is defined as the point of Center position.

Raster Only constituting the lattice points are positioned 16 dot grid shown in Figure 1.

Figure 1 16 dot raster

6.2 Points

Point is the smallest unit constituting the lattice-shaped, circular or square that it is located within the black areas of the parties to the grid.

6.3 Lattice words

Mongolian word graphic character bitmap fonts from a number of points placed within the grid set to represent. Mongolian "" 16 dot matrix White body words shown in Figure 2.

16 2 Mongolian word lattice, "" white body

6.4 Dot matrix character height data

502 Mongolian white body 16 dot font character height data provided in this section, see Appendix C.

7.1 Bitmap font data

This section provides the 502 Mongolian white body 16 dot font data expressed in Appendix D.

7.2 Bitmap fonts

In accordance with the provisions of this part of GB/T 26226, providing the 502 Mongolian graphic character font 16 dot white body as follows.

Appendix A

(Informative)

Lean type

White woodcut and letterpress body comes from all kinds of versions of Mongolian books, is one of the Mongolian Mongolian font information used for treatment, it is the result of Repeatedly revise and improve the use of the longest, the most widely used fonts.

Appendix B

(Informative)

Mongolian graphic character code and the serial number data this section provides 502 Mongolian graphic characters, in which there are 156 in the name of the character codes in GB 13000, the 346 was deformed Now there is no code in GB 13000 character, but it GB/T 26226 in the provisions of the number of characters to show modification. Section 502 provides Code and a serial data Mongolian graphic characters as follows.

- a) 156 Ge Mongolian nominal character code. in 1800 ~ 18AF range;
- b) 152 Ge Mongolian single deformed characters appear. in the range of 0000 ~ 009F;
- c) 194 Ge Mongolian mandatory fitting word ID. in 0100 ~ 01CF range.

Appendix C

(Informative)

Mongolian white body 16 dot font character height data Mongolian is not high font, each character has its own specific height. This section provides 502 Mongolian 16 dot white body Font character height data, including the name of the character dot font character height data in Table C.1, single deformation show character dot font character height data