

ICS 35.040
CCS L 71



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

GB 30877-2014

**Information technology - Universal multi-octet coded character
set - Mongolian nominal characters and presentation forms - 48
dot matrix font - XiaoJing 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 48点阵字型 孝
经体

(English Translation)

Issued on: September 3, 2014

Implemented on: July 1, 2015

Issued by: Standardization Administration of China

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Foreword

All the technical contents of this standard is mandatory.

This standard was drafted in accordance with GB/T 1.1-2009 given rules.

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

This standard was drafted. China Electronics Standardization Institute, Inner Mongolia University, Beijing Founder Electronics Co., Ltd., Beijing University Institute of Computer Science and Technology, Inner Mongolia Mongolian Language Work Committee.

Introduction

This standard is based on the name of the character Mongolian and deformation GB/T 26226 stipulated showing characters to our Mongolian region specification Book of Filial Piety body font based on the design and provision of information processing 48 dot matrix font with Mongolian Book of Filial Piety body (A see Appendix).

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.

Address. Andingmen East Street, Dongcheng District No. 1 (Beijing 1101 mailbox) Zip Code. 100007 Phone. 84029173 Fax. 64007681 E-mail. citss@cesi.ac.cn Information technology - Universal Multiple-Octet Coded Character Set Mongolian characters appear in the name of the character and deformation Book of Filial Piety body 48 bitmap fonts

1 Scope

This standard specifies the GB/T 26226 Mongolian nominal character and characters appear deformed body 48 dot matrix font Book of Filial Piety.

This standard applies to Mongolian information processing display devices and printing equipment can also be used for other related equipment.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

GB 13000 Information technology - Universal Multiple-Octet Coded Character Set (UCS)
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 document.

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. Book of Filial Piety 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 this standard is based on the provisions of GB/T 26226, providing 273 Mongolian graphic characters, in which.

- a) the name of 37 characters;
- b) a variant selector 25;

c) a single deformed characters appear 139;

d) Mandatory fitting word 31;

e) Non-mandatory fitting word 41.

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

4.2

A character sequence this standard provides 273 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 data standards to ensure this standard in the implementation of data Consistency and correctness, authorizing the transfer of data related to the use of font issues, font standard data maintenance, updating and revision of the Uniform Responsible focal point.

The method represents bitmap fonts

6.1 Grid

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

The standard provides 48 dot matrix (refer to the letter box) font, which is a lateral grid 48 grid, 48 longitudinal grid. The center of each square is defined as the point of Center position.

Raster Only constituting the lattice points are positioned 48 lattice grid shown in Figure 1.

Figure 148 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 "" 48 dot matrix Book of Filial Piety body words shown in Figure 2.

48 2 Mongolian word lattice, "" Book of Filial Piety of body

6.4 Dot matrix character height data

273 48 Mongolian lattice Book of Filial Piety body font character height data of the standard provided in Appendix C.

7.1 Bitmap font data

This standard provides 273 Mongolian Book of Filial Piety body 48 dot matrix font data expressed in Appendix D.

7.2 Bitmap fonts

This standard is based on the provisions of GB/T 26226 offers 273 Mongolian 48 dot matrix graphic character font Book of Filial Piety body as follows.

Appendix A

(Informative)

Book of Filial Piety body Book of Filial Piety body is a woodcut version of "Book of Filial Piety" fonts.

Appendix B

(Informative)

Mongolian graphic character code and the serial number data this standard provides 273 Mongolian graphic characters, in which 37 and 25 characters in the name of the variant selectors have generations of GB 13000 Yards, 211 deformed characters appear in no code in GB 13000. 273 Mongolian graphic character code and the serial number of this standard provided Data information is as follows.

- a) 37 Ge Mongolian nominal character code. in the range of 1800 to 1888;
- b) 25 variants selector code. from 180B ~ 180E, 200B, 200C, 200D, 202F, 2060 and from FE00 ~ FEFF Range;
- c) 139 Ge Mongolian single deformed characters appear. in 0000 ~ 00F2 range;
- d) 31 Ge Mongolian mandatory fitting word ID. in the range of 0100 ~ 01D9;
- e) 41 Ge Mongolian non-mandatory fitting word ID. in the range of 0200 ~ 02E5.

Appendix C

(Informative)

Mongolian Book of Filial Piety body 48 dot font character height data Mongolian is not high font, each character has its own specific height. This standard provides 48 dot matrix 273 Mongolian Book of Filial Piety Body font character height data, including the name of the