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

GB/T 16284.9-2016

**Information technology -- Message handling system (MHS) --
Part 9: Electronic data interchange messaging system**

信息技术 信报处理系统 (MHS) 第9部分: 电子数据交换信报处理系统
(English Translation)

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Foreword

GB/T 16284 Under the heading "Information Technology Information Processing System (MHS)", it is expected to include the following 10 parts.

- Part 1. Overview of systems and services;
- Part 2. Overall structure;
- Part 3. abstract service definition;
- Part 4. Information transmission systems. abstract service definitions and procedures;
- Part 5. Message memory. abstract service definition;
- Part 6. Agreement specification;
- Part 7. Interpersonal Information System;
- Part 8. Electronic data interchange processing services;
- Part 9. Electronic data interchange processing system;
- Part 10. MHS routing.

This part is part 9 of GB/T 16284.

This part is drafted in accordance with the rules given in GB/T 1.1-2009.

This part uses the re-drafting method to modify ISO/IEC 10021-9.:1999 "Information Technology Information Processing System (MHS). Electronics Data exchange message processing system ".

The main differences between this section and ISO/IEC 10021-9.:1999 are as follows.

- Added "Part 9" in the standard name.
- the first paragraph of the original standard is deleted, because it is a description of the original version of the change, does not apply to this part.
- the first comment of the original standard 18.7.1 was deleted, since the description of the relationship with the first edition does not apply to this part.

1 Scope

This part of GB/T 16284 provides a comprehensive protocol for a signaling processing system (MHS) containing any number of co-operating open systems this section is one of a set of standards for a group of letters processing.

MHS allows users to exchange messages in a store-and-forward manner. The messenger submitted by the sender is carried out by the mail transmission system MTS Transmission, and then gradually submitted to one or more of the recipient of the message. The access unit (AU) connects the MTS to other communication systems (Such as postal services). The User Agent (UA) can help users prepare, store and forward messages, and the Message Memory (MS) can also help Household storage letter. The MTS consists of multiple messaging agents (MTA), which perform the store-and-forward signaling function.

This section defines the newsletter processing application for the Electronic Data Interchange (EDI) message processing call, which is to be used to exchange EDI information A new form of newsletter, and a related procedure called Pedi.

This section is one of a series of newsletters. ISO/IEC 10021-2.:1999 introduced the series and described the rest of the series file.

The basis and basis of the message processing architecture is still defined by other parts. ISO/IEC 10021-2.:1999 Also on these documents the description.

2 Normative reference documents

The following documents are indispensable for the application of this document. For dated references, only the dated edition applies to this article Pieces. For undated references, the latest edition (including all modifications) applies to this document.

2.1 Reference to the presentation of documents

This section refers to the following notation.

Information technology - Remote operation. concepts, models and notation (ISO/IEC 13712-1.:1995, IDT) GB/T 16975.1-2000 ISO/IEC 8824-1.:1998 Information Technology - Abstract Syntax Notation 1 (ASN.1). Basic Notation Specification
(Informationtechno-logy-Abstractsyntaxnotationone (ASN.1). Specificationofbasicnotation)
ISO/IEC 8824-2.:1998 Information Technology - Abstract Syntax Notation 1 (ASN.1).
Information and Geometry logy-Abstractsyntaxnotationone (ASN.1).
Informationobjectspecification ISO/IEC 8825-1.:1998 Information technology - ASN.1
Encoding rules. Basic coding rules (BER), Regular coding rules (CER) and atypical coding
rules (DER) [Informationtechnology-ASN.1EncodingRules. Specification of
basicencodingrules (BER), canonicalencodingrules (CER) anddistinguishedencodingrules
(DER)]

2.2 Directory references

This section refers to the following catalog specifications.

ISO/IEC 9594-1.:1998 Information technology - Open systems interconnection - Contents. Overview of concepts, models and services (Information technology-Opensystemsinterconnection-The directory. Overview of concepts, models and services) ISO/IEC 9594-2.:1998 Information technology - Open systems interconnection - Contents. Models (Information technology-Opensys-