```
}

genmSuspReqContent INFORMATION-ID ::= {
  SYNTAX        GenmSuspReqContent
  IDENTIFIED BY id-registeredcert-mg-genmsuspreq
}

genpSuspResContent INFORMATION-ID ::= {
  SYNTAX        GenpSuspResContent
  IDENTIFIED BY id-registeredcert-mg-genpsuspres
}

genmInfoReqContent INFORMATION-ID ::= {
  SYNTAX        GenmInfoReqContent
  IDENTIFIED BY id-registeredcert-mg-genminforeq
}

genpInfoResContent INFORMATION-ID ::= {
  SYNTAX        GenpInfoResContent
  IDENTIFIED BY id-registeredcert-mg-genpinfores
}

PKIMessage ::= SEQUENCE {
      header           PKIHeader,
      body             PKIBody,
      protection   [0] PKIProtection OPTIONAL,
      extraCerts   [1] SEQUENCE SIZE (1..MAX) OF Certificate OPTIONAL
}

PKIHeader ::= SEQUENCE {
      pvno                INTEGER     { ietf-version2 (1) },
      sender              GeneralName,
      recipient           GeneralName,
      protectionAlg   [1] AlgorithmIdentifier     OPTIONAL,
      senderKID       [2] KeyIdentifier           OPTIONAL,
      transactionID   [4] OCTET STRING,
      senderNonce     [5] OCTET STRING,
      recipNonce      [6] OCTET STRING            OPTIONAL
}

PKIBody ::= CHOICE {       -- message-specific body elements
      genm    [21] GenMsgContent,          --General Message
      genp    [22] GenRepContent,          --General Response
      error   [23] ErrorMsgContent         --Error Message
}

PKIProtection ::= BIT STRING

ProtectedPart ::= SEQUENCE {
      header    PKIHeader,
      body      PKIBody
}

PKIStatus ::= INTEGER {
      granted                (0),
      -- you got exactly what you asked for
      rejection              (2)
      -- you don't get it, more information elsewhere in the message
}

KeyIdentifier ::= OCTET STRING

PKIStatusInfo ::= SEQUENCE {
      status        PKIStatus
}

GenMsgContent ::= SEQUENCE OF InfoTypeAndValue

GenRepContent ::= SEQUENCE OF InfoTypeAndValue

ErrorMsgContent ::= SEQUENCE {
      pKIStatusInfo          PKIStatusInfo
}

id-registeredcert OBJECT IDENTIFIER ::= { 1 2 392 100300 1 }

id-registeredcert-mg OBJECT IDENTIFIER ::= { id-registeredcert 2 }

id-registeredcert-mg-genmsuspreq OBJECT IDENTIFIER ::= { id-registeredcert-mg 1 }
id-registeredcert-mg-genpsuspres OBJECT IDENTIFIER ::= { id-registeredcert-mg 2 }
id-registeredcert-mg-genminforeq OBJECT IDENTIFIER ::= { id-registeredcert-mg 21 }
id-registeredcert-mg-genpinfores OBJECT IDENTIFIER ::= { id-registeredcert-mg 22 }

GenmSuspReqContent ::= SEQUENCE {
      certDetails           CertTemplate,
      revocationReason      ReasonFlags,
      suspensionReasonCode  INTEGER,
      suspensionDetail      EncryptedValue  -- encrypted SuspData
}
-- SuspData is made with conection of
-- "suspensionSecretCode" (which is password without tag and length) and
-- hashed "header PKIHeader".
```