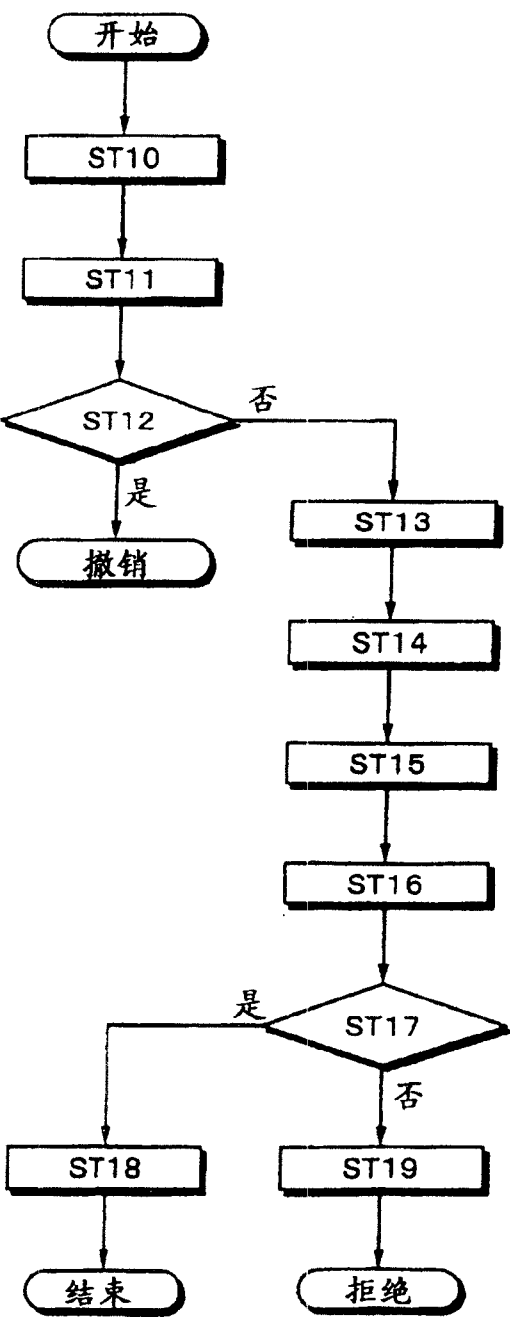
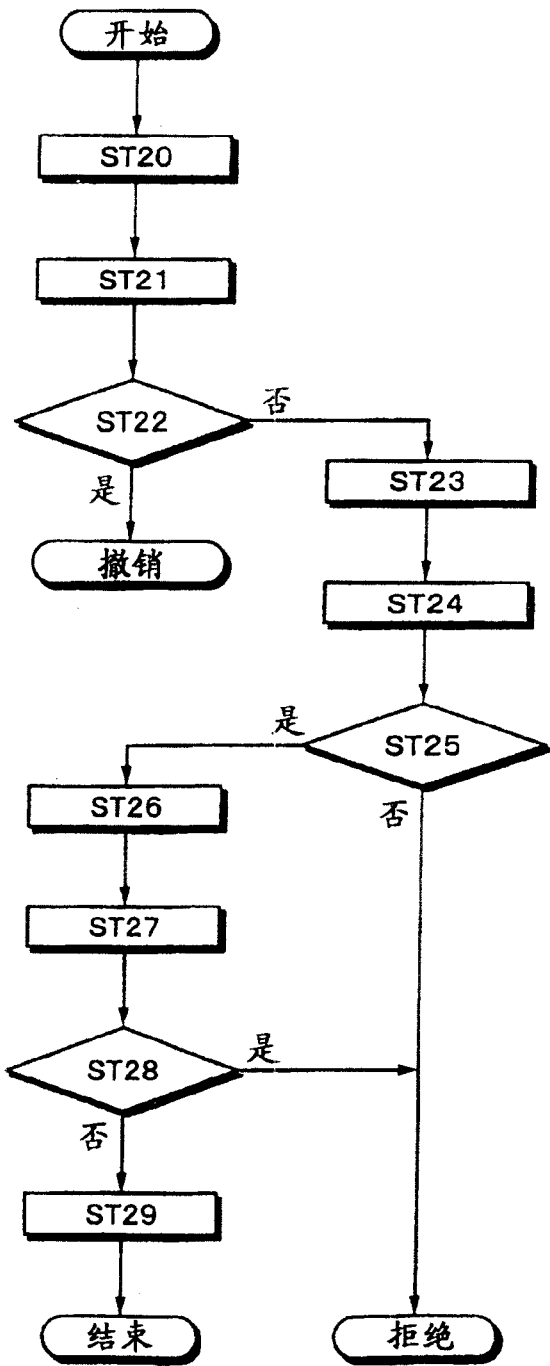
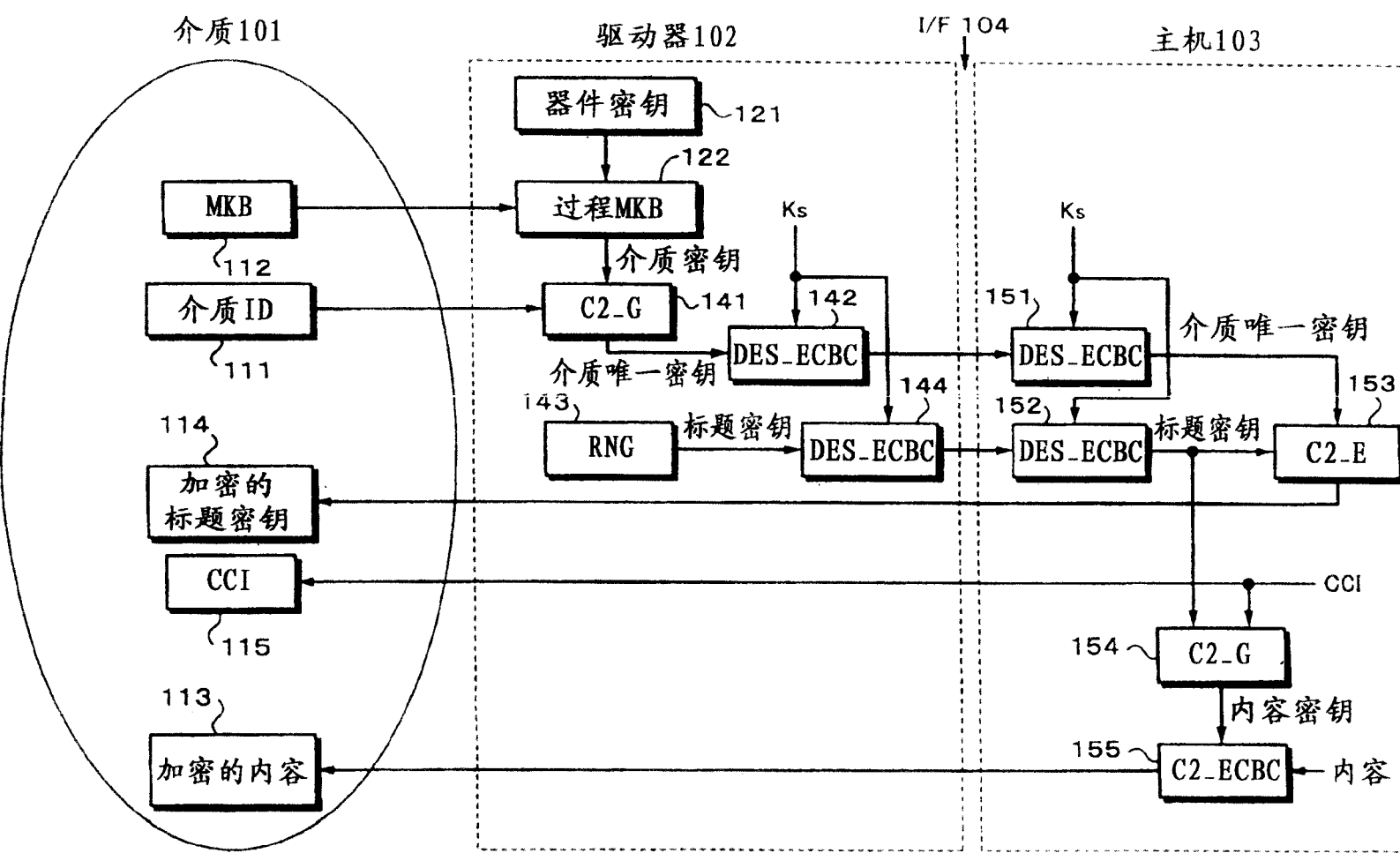


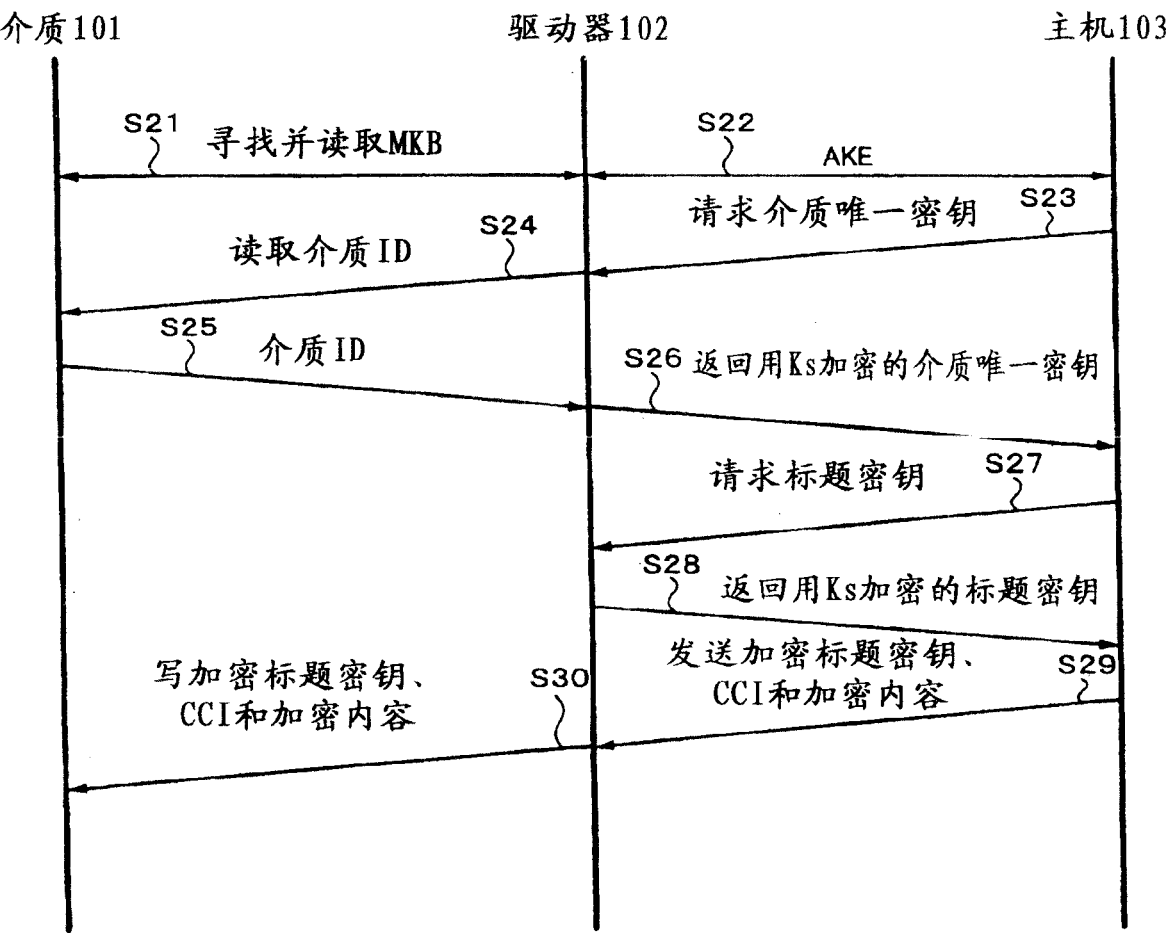
驱动器102

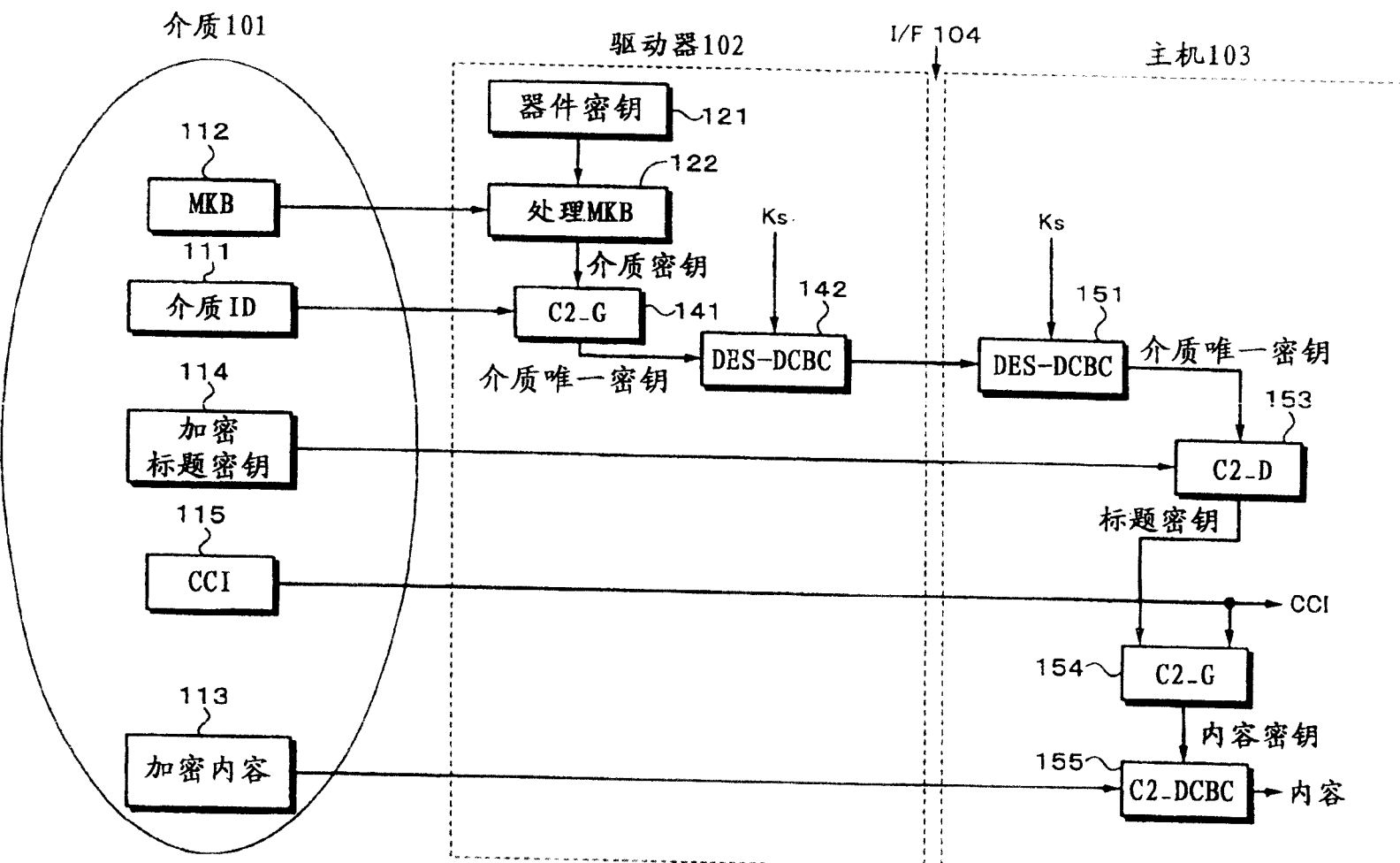


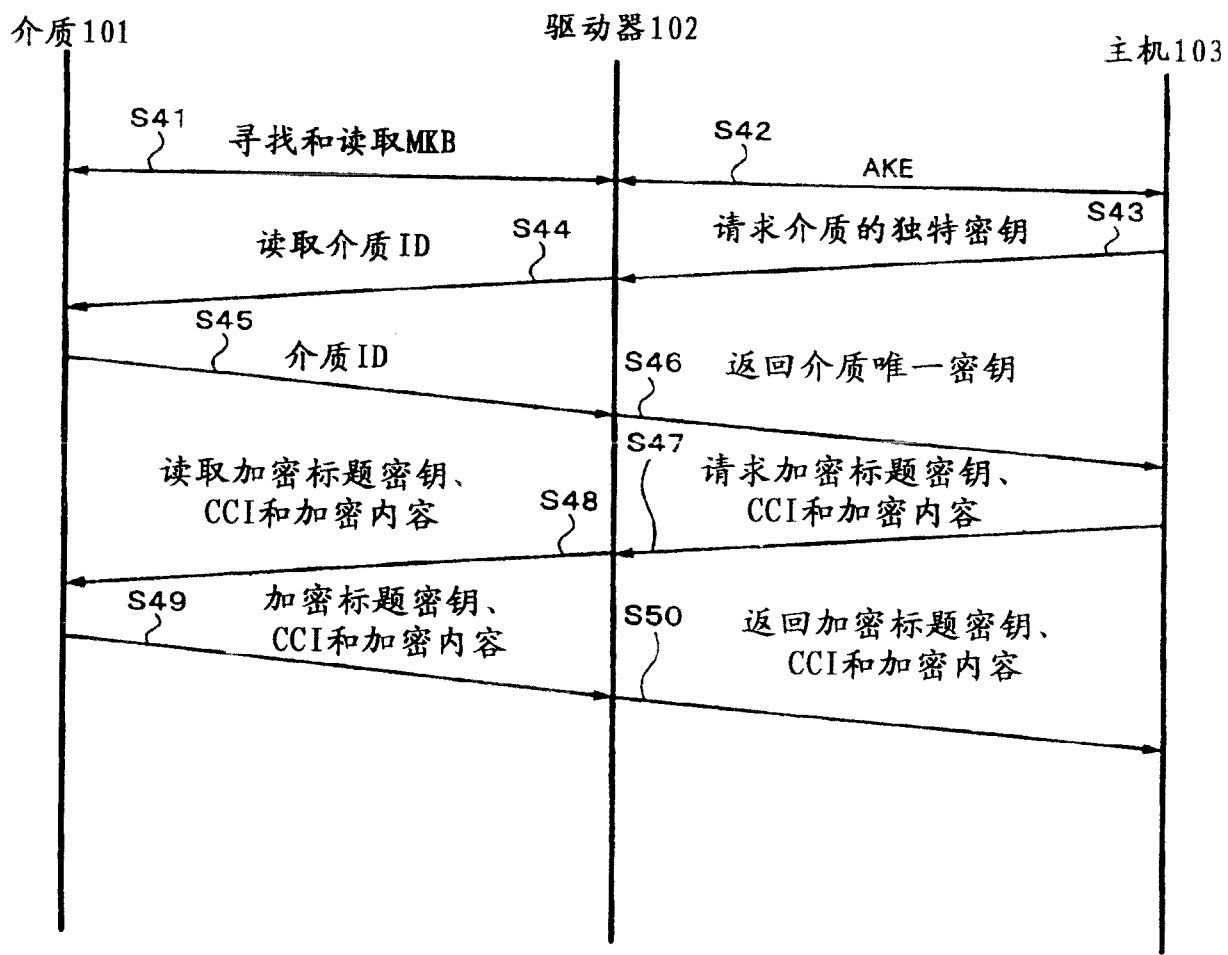
主机103

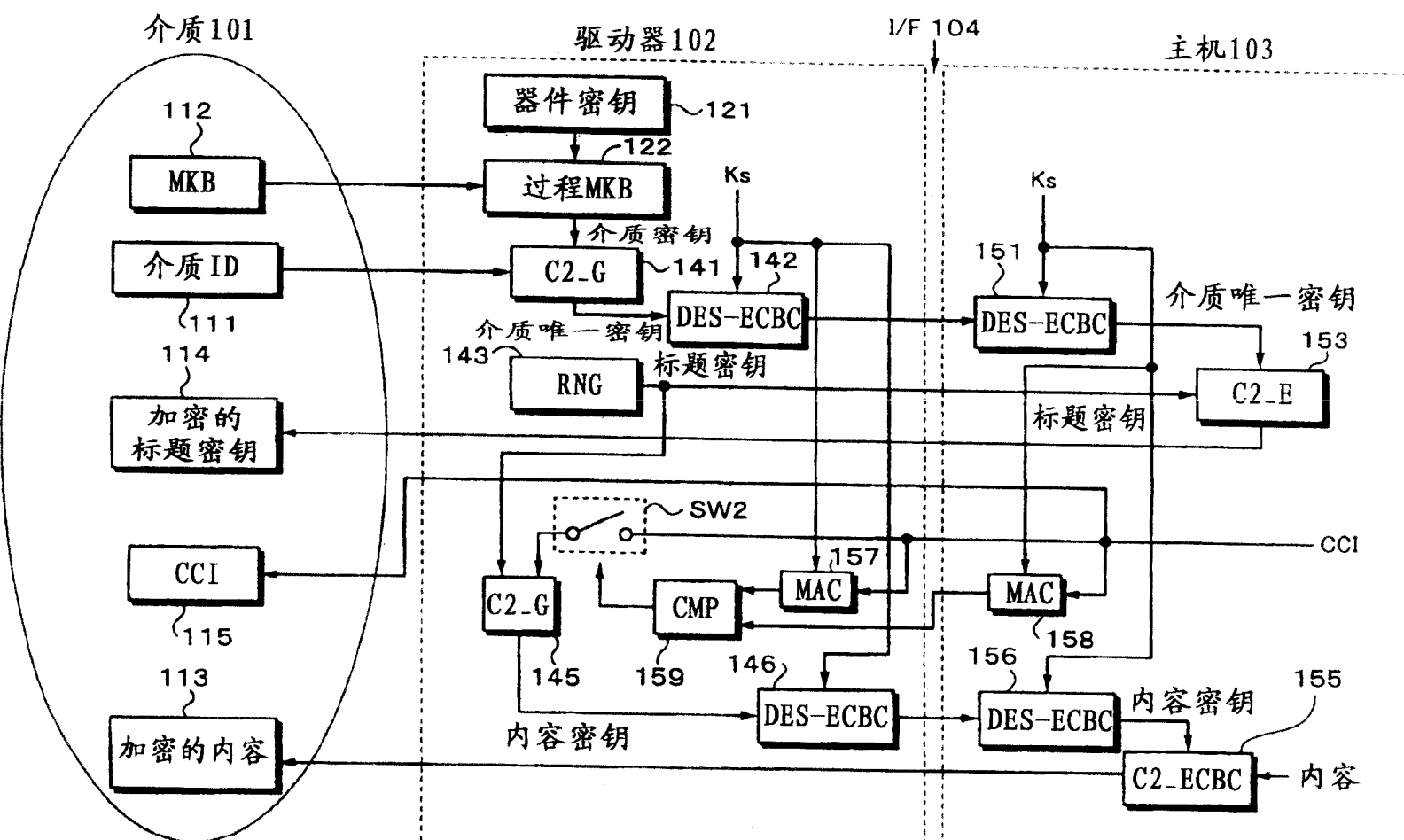












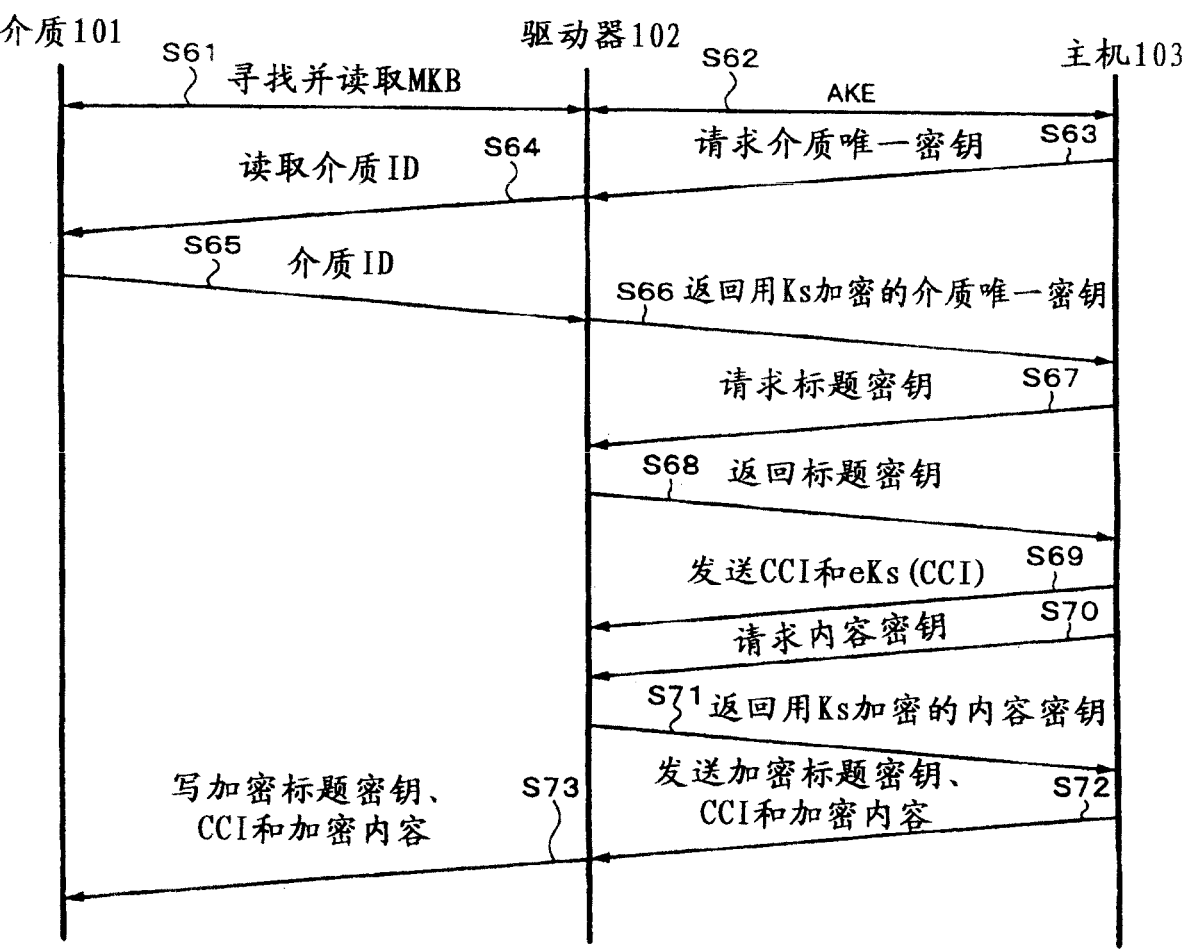


图1

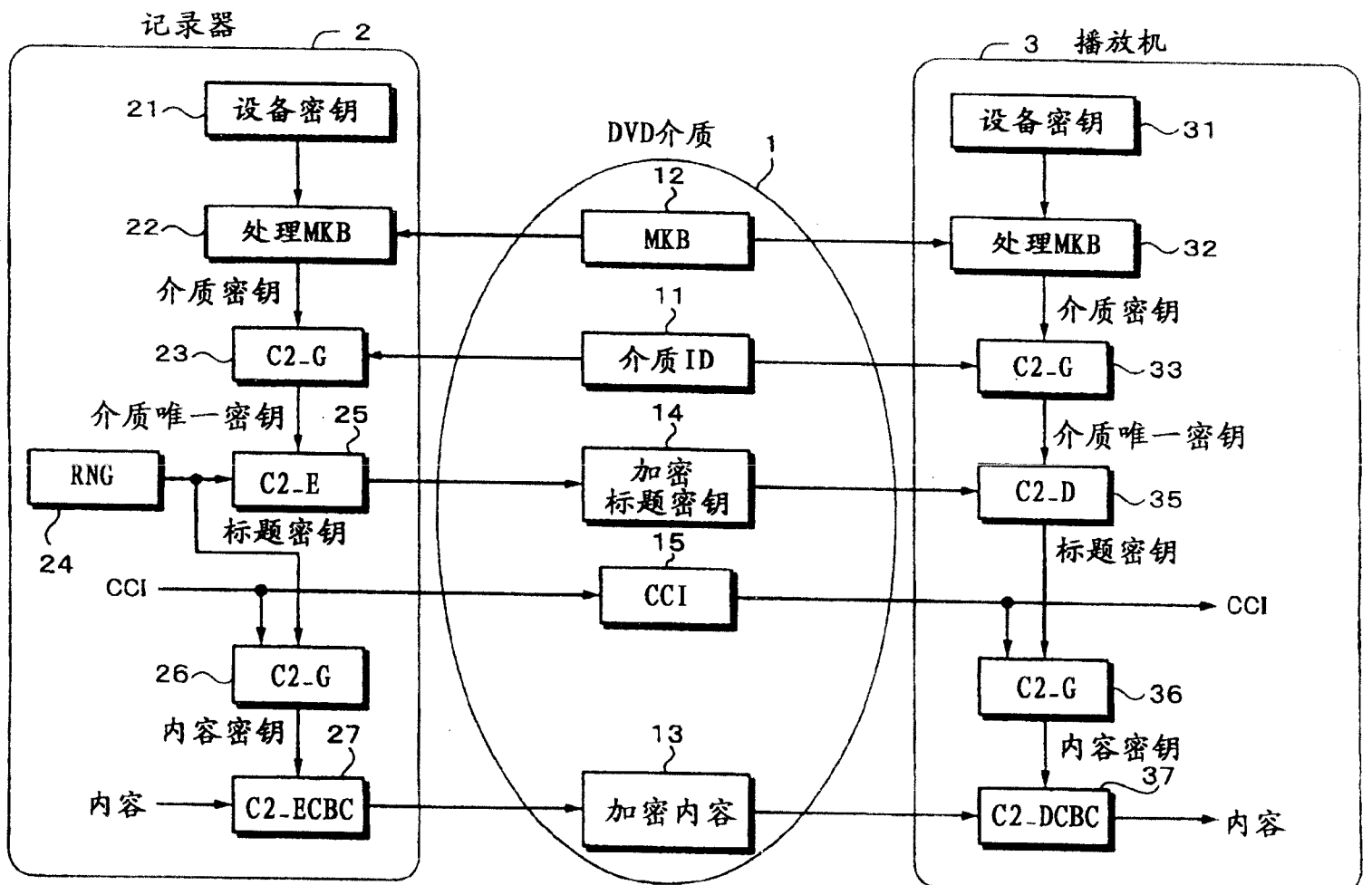


图 2

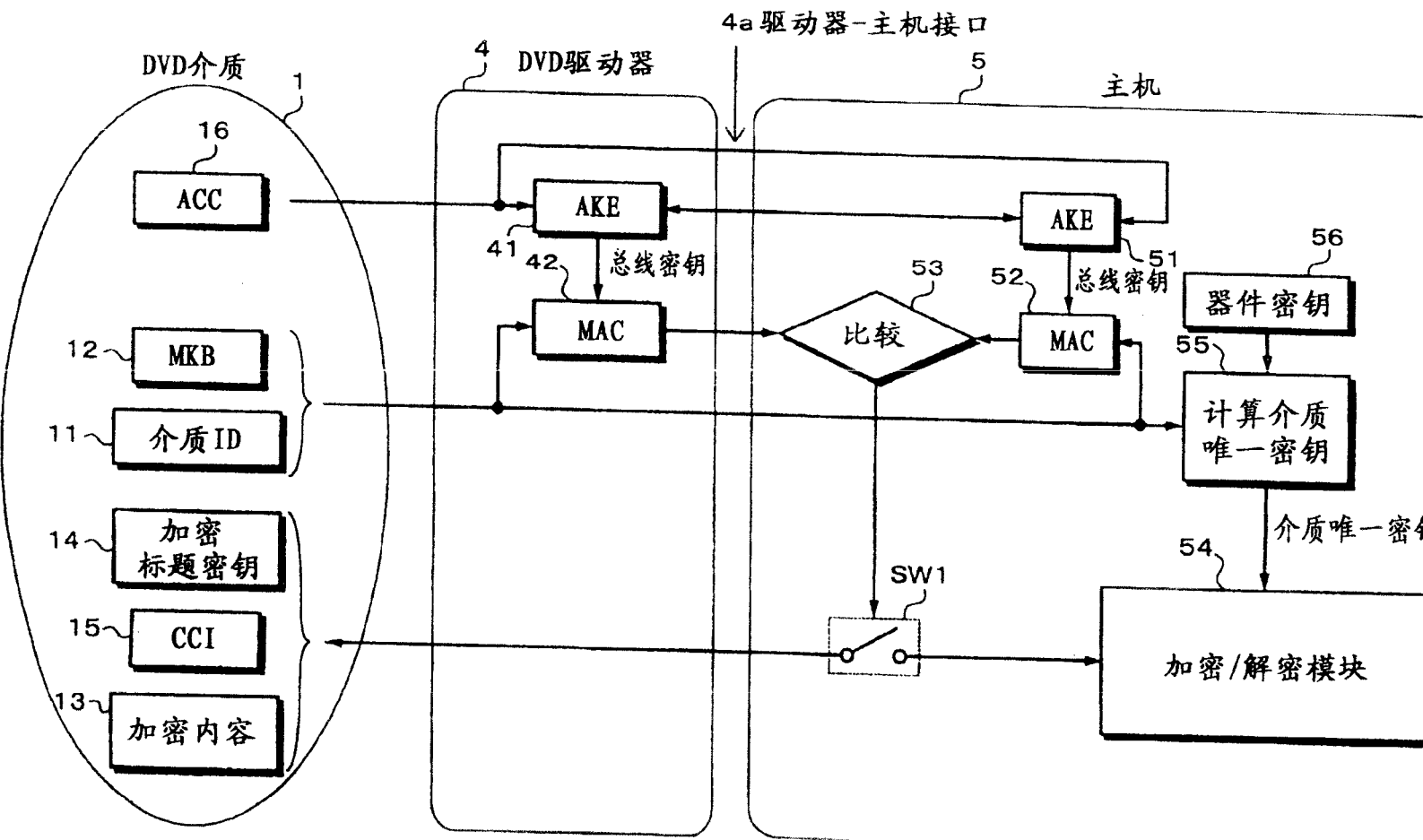


图 3

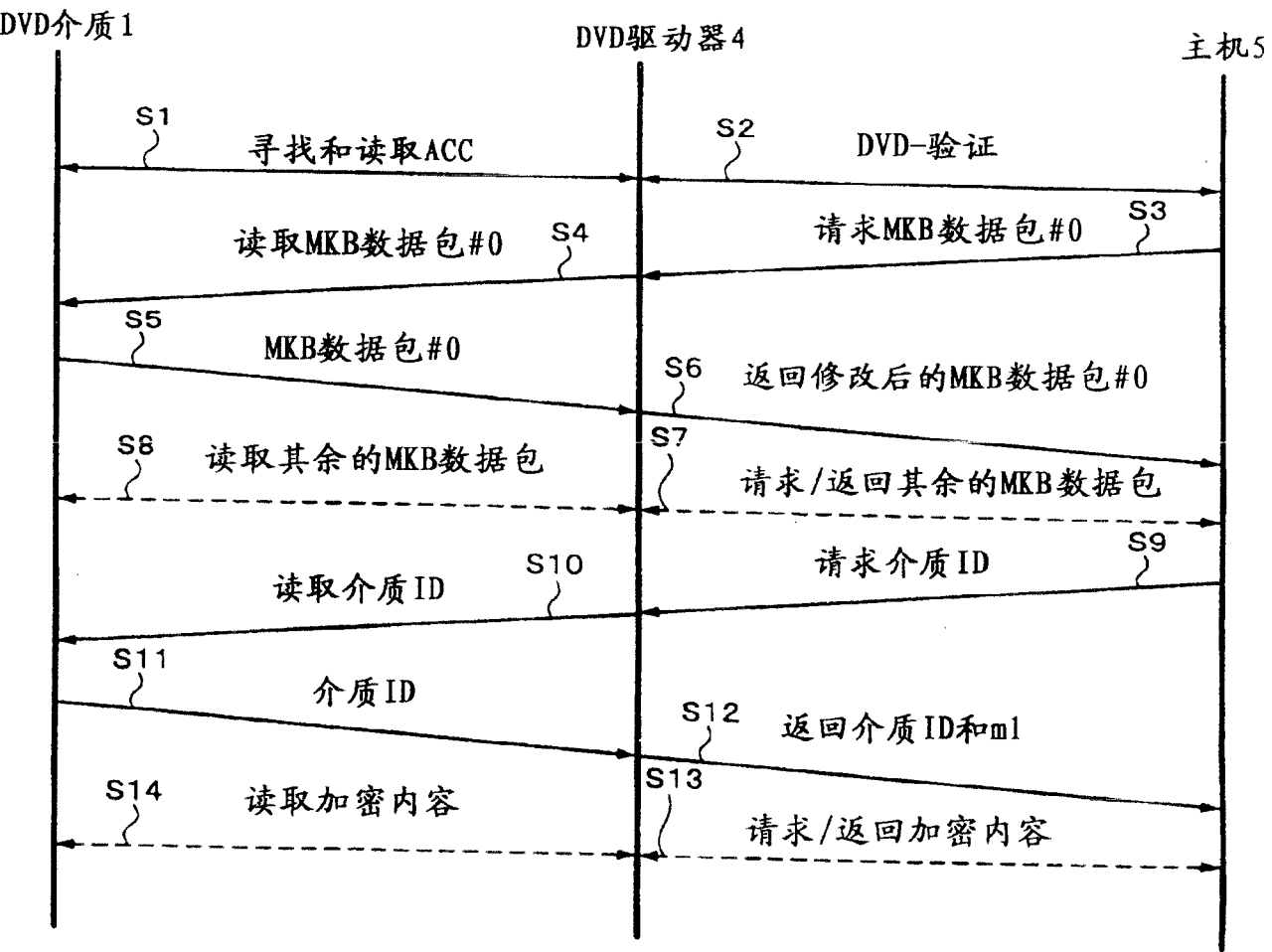


图 4

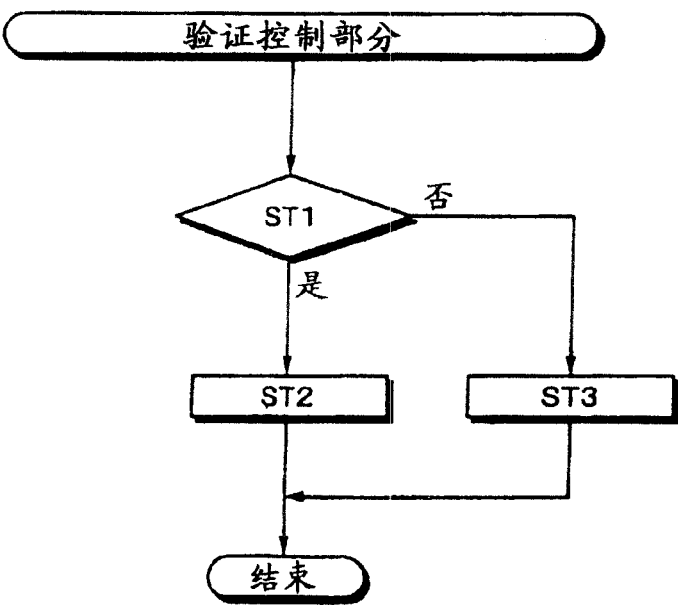


图5

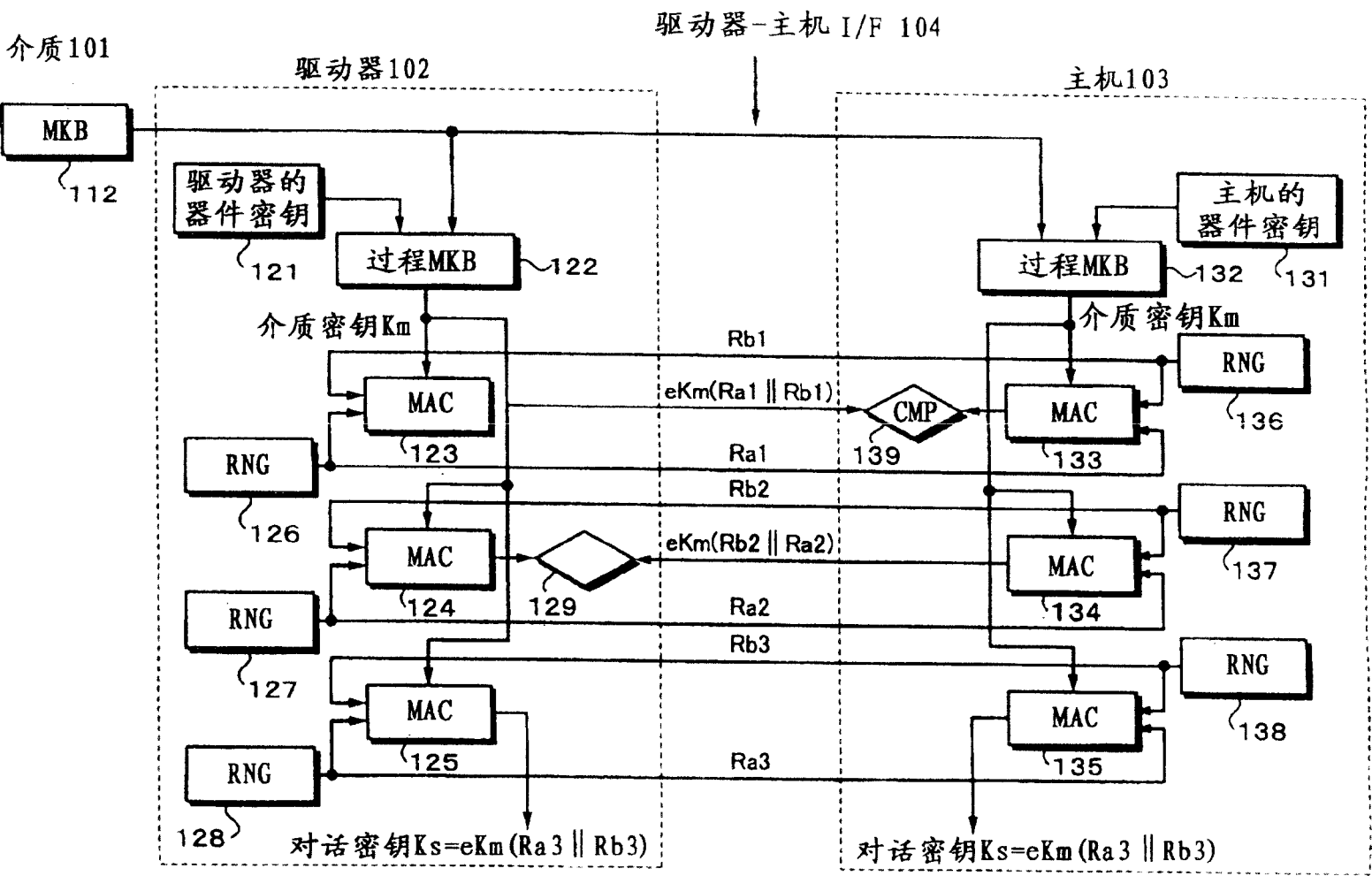


图6
驱动器102

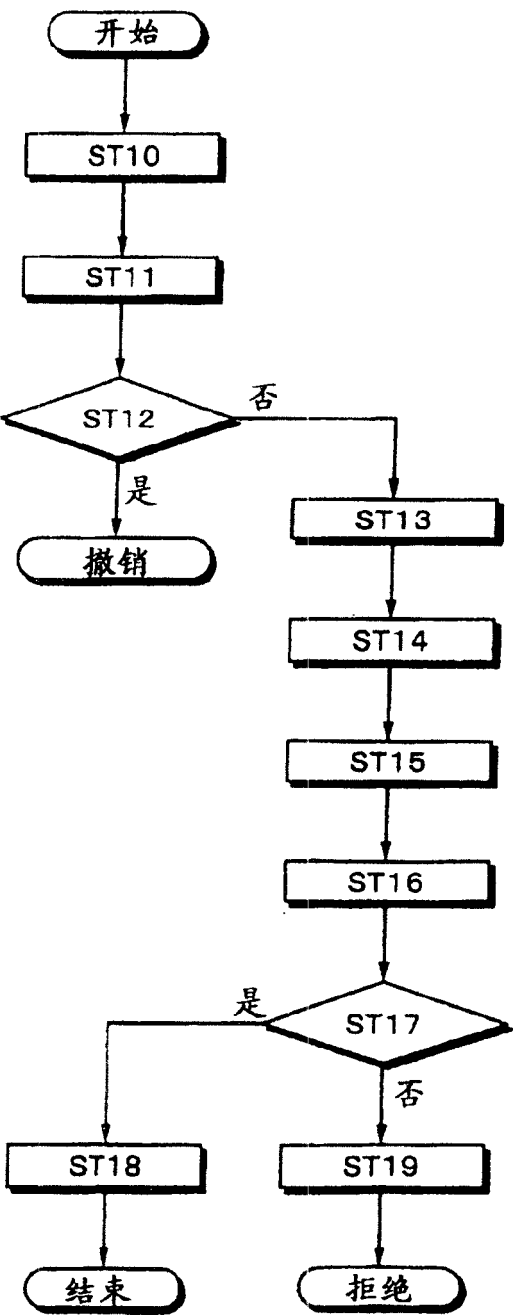


图7

主机103

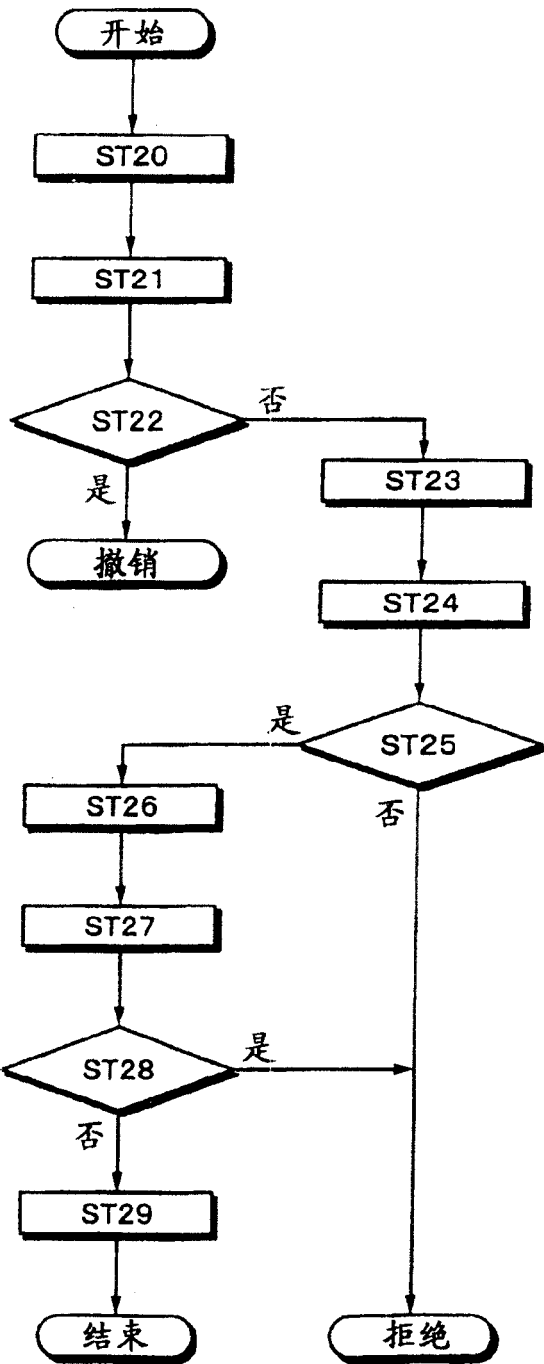


图 8

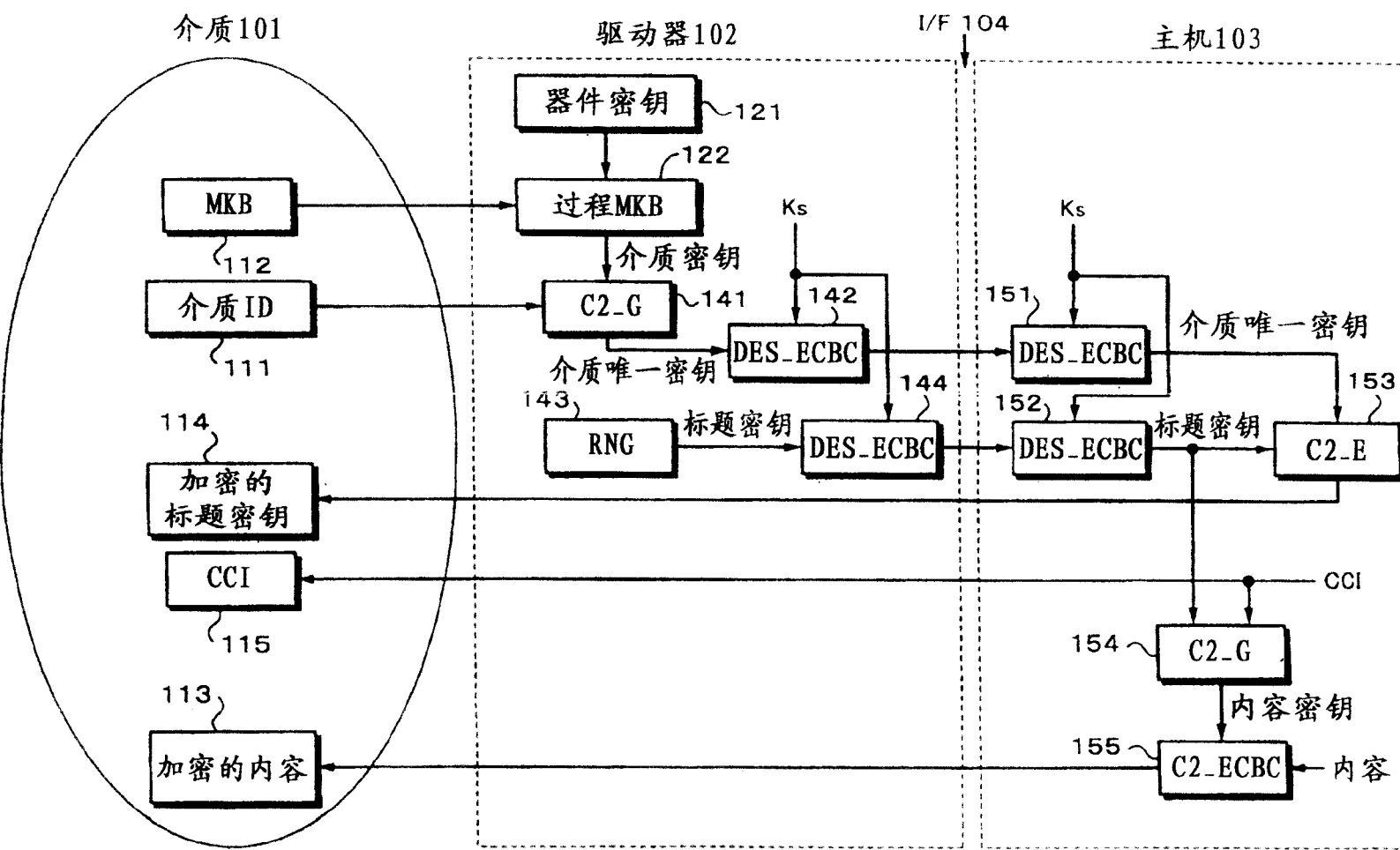


图9

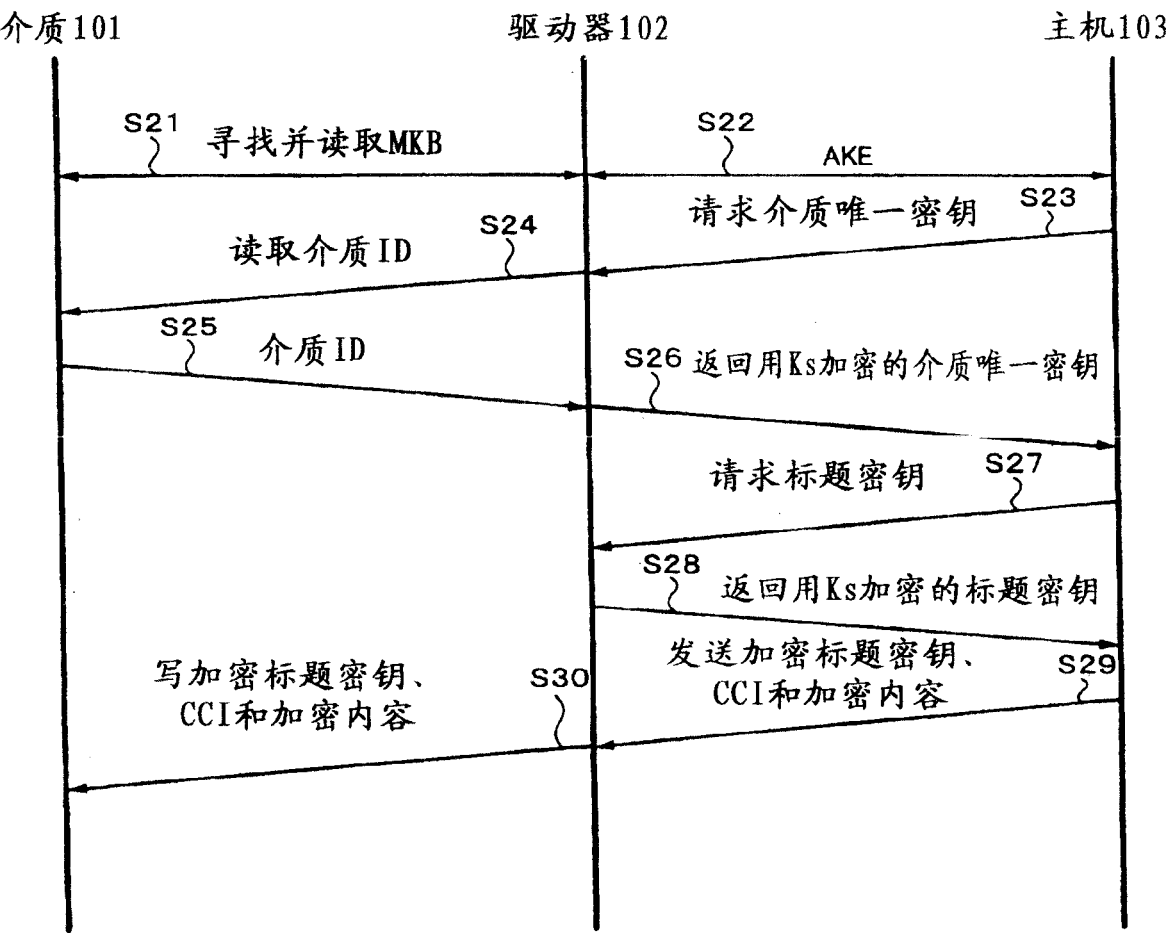


图 10

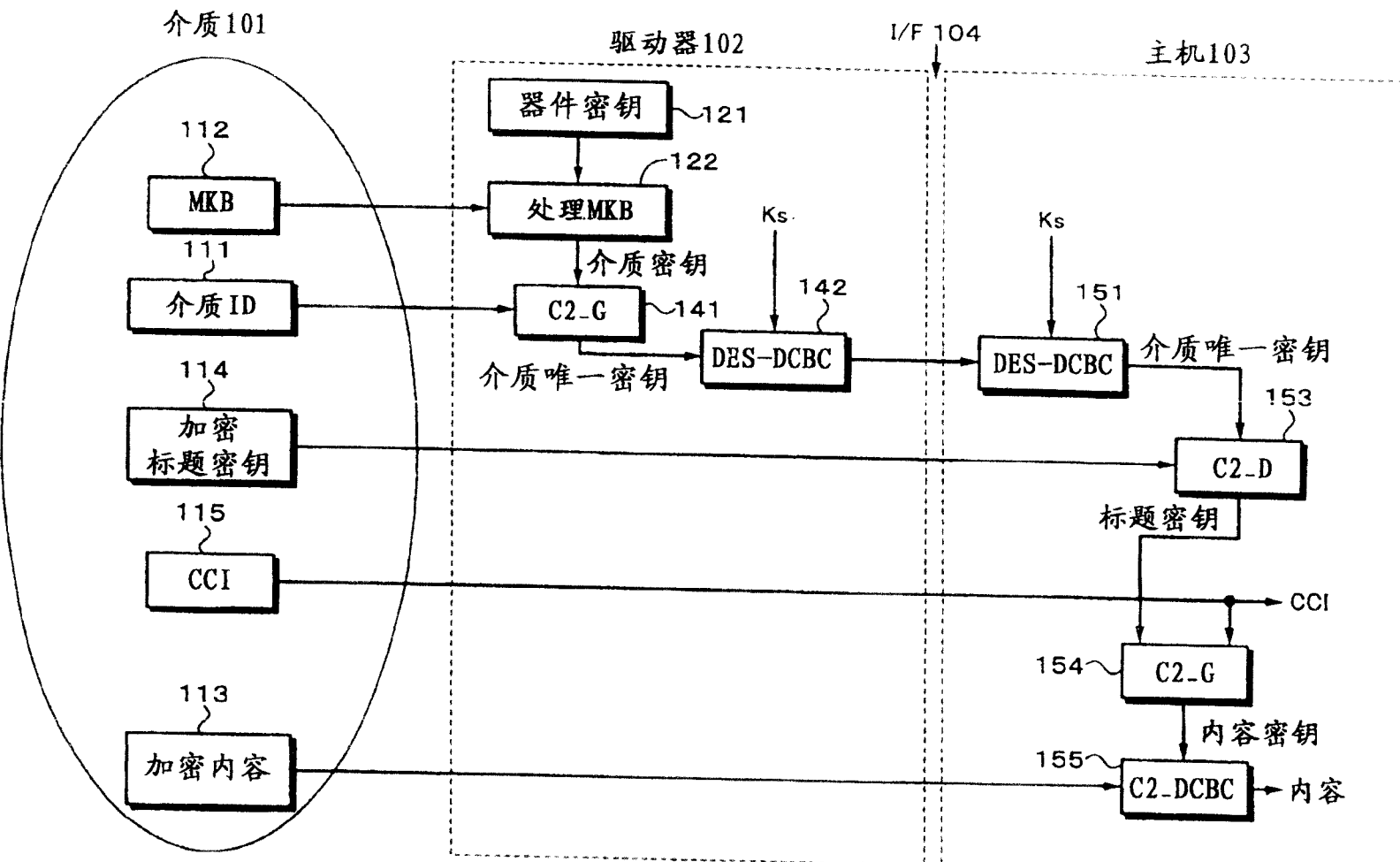


图 11

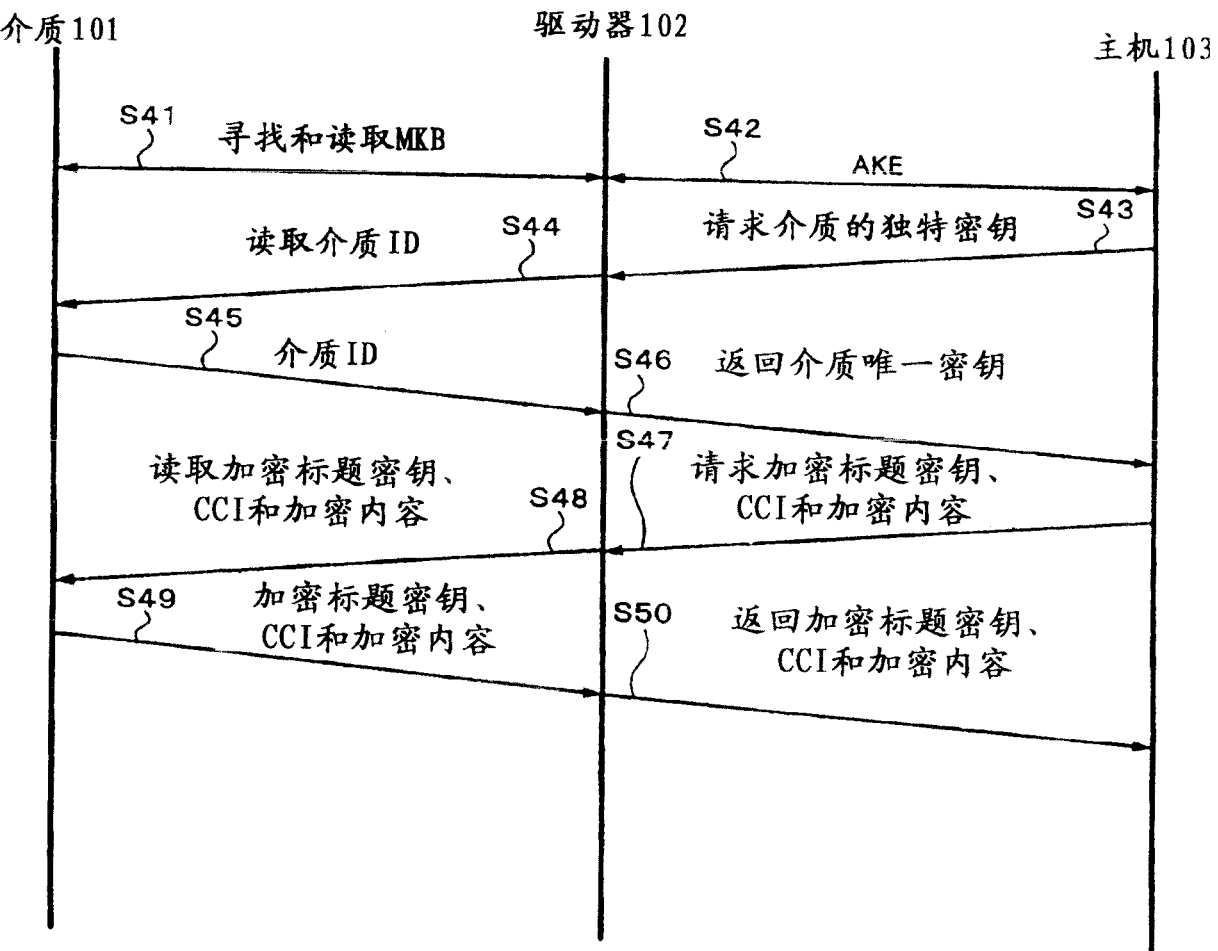


图 12

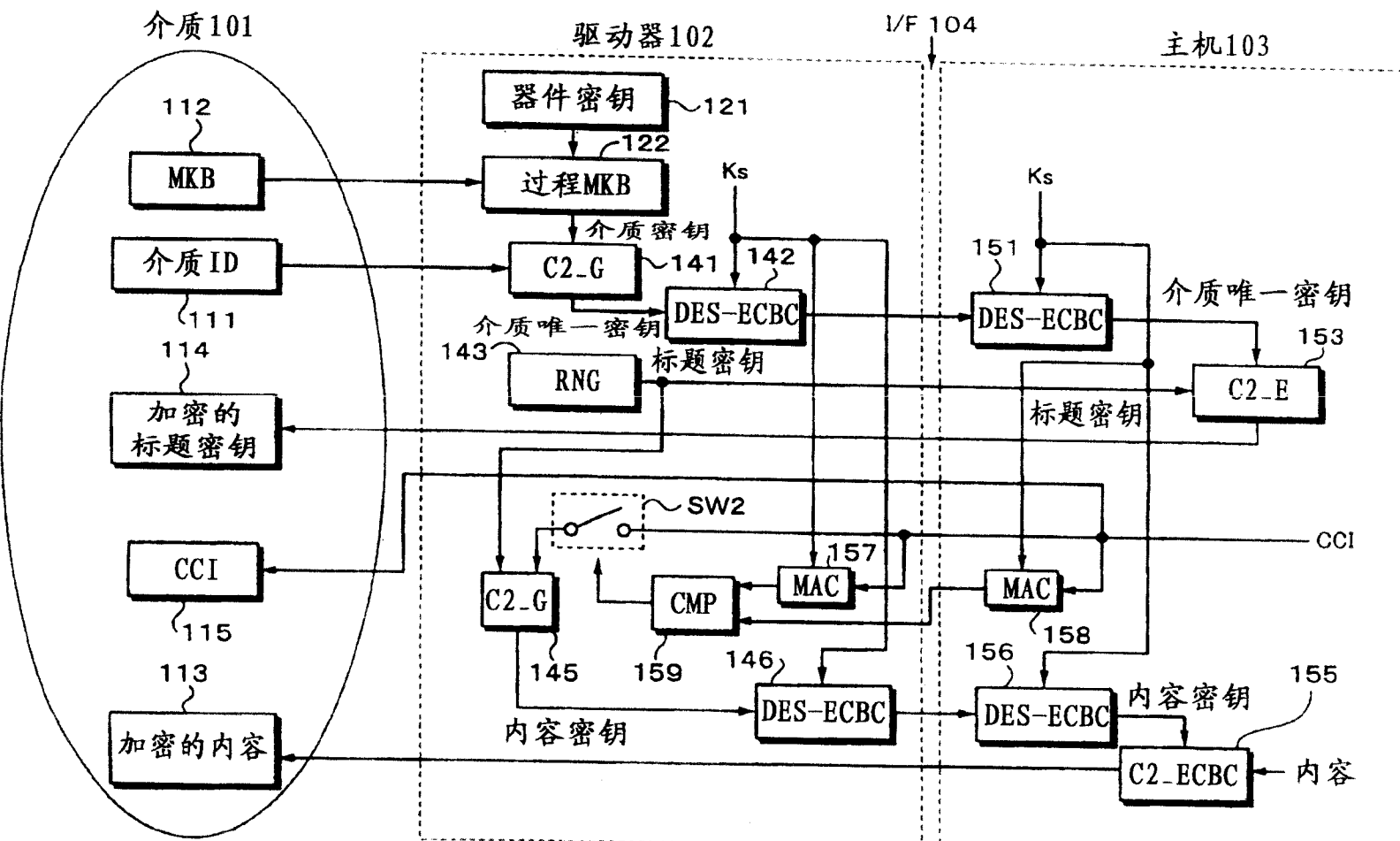
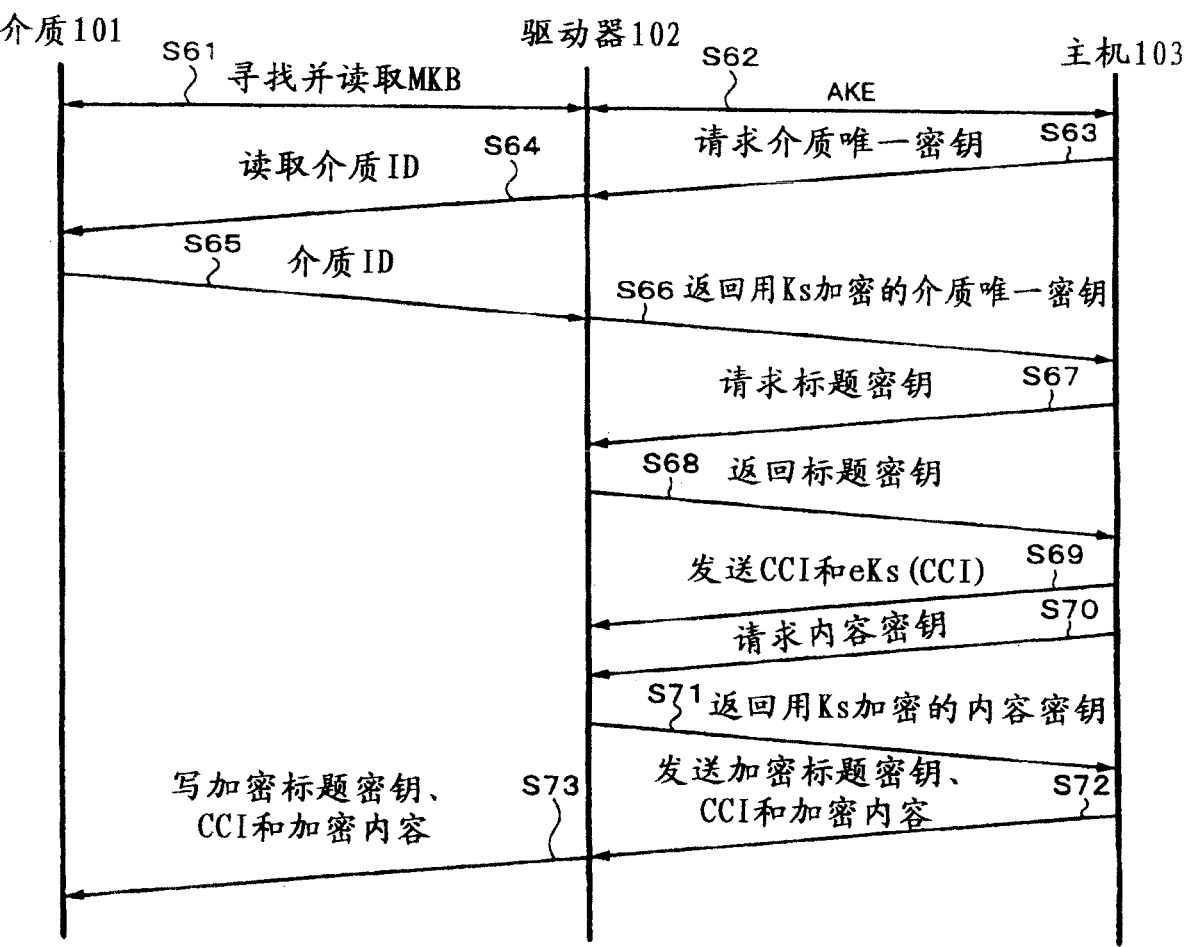


图 13



参考号描述

- 1 DVD介质
- 2 记录器
- 3 播放器
- 4 **DVD 驱动器**
- 4a 接口
- 5 主机
- 11 介质 ID
- 12 介质密钥块 (MKB)
- 13 加密内容
- 42, 52 **MAC 计算部件**
- 46 器件密钥
- 46a 器件密钥的第一半部分
- 47 **DES 加密器**
- 48 介质唯一密钥计算部件
- 49, 49a **DES 加密器**
- 49b **DES 解密器**
- 53 比较 MAC 的比较部分
- 54 加密/解密模块
- 55 介质唯一密钥计算部件
- 101 介质
- 102 驱动器
- 103 主机
- 104 接口
- 121 驱动器的器件密钥

122 **过程 MKB**

123, 124, 125 **驱动器的 MAC 计算部件**

126, 127, 128 **驱动器的随机数产生器**

129 **比较**

131 **主机的器件密钥**

132 **过程 MKB**

133, 134, 135 **主机的 MAC 计算部件**

136, 137, 138 **主机的随机数产生器**

139 **比较**

141, 154 **C2_G**

142, 144 **DES 加密器**

143 **随机数产生器**

151, 152, 156 **DES 解密器**

153 **C2_E**

155 **C2_EBC**

157, 158 **MAC 计算部件**

159 **比较**

ST1 **计算的 MAC 值匹配?**

ST2 **接通开关**

ST3 **断开开关**

ST10 **报告密钥 (MKB)**

ST11 **计算介质密钥 Km**

ST12 **撤销?**

ST13 **接收 (Rb1,Rb2)**

ST14 **返回 (eKm(Ra1||Rb1),Ra1)**

ST15 返回 (Ra2,Ra3)
ST16 接收 (eKm(Rb2||Ra2),Rb3)
ST17 相同的 MAC?
ST18 确认的对话密钥 ekm(Ra3||Ra3)
ST19 返回 (错误)
ST20 报告密钥 (MKB)
ST21 计算介质密钥 Km
ST22 撤销?
ST23 发送密钥 (Rb1,Rb2)
ST24 报告密钥 (eKm(Ra1||Rb1),Ra1)
ST25 相同的 MAC?
ST26 报告密钥 (Ra2, Ra3)
ST27 发送密钥 (eKm(Rb2||Ra2),Rb3)
ST28 错误?
ST29 确认的对话密钥 ekm(Ra3||Ra3)

