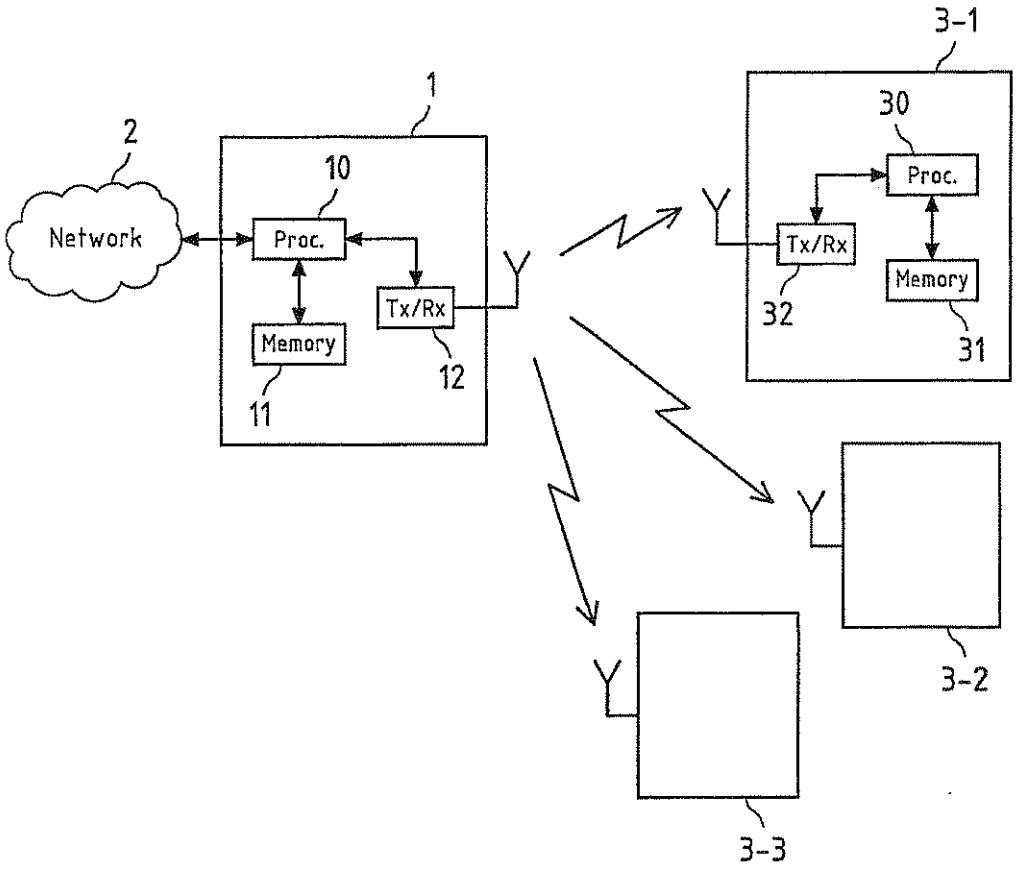

3-1
1
30
2
10
Network
Proc.
Proc.
Tx/Rx
Tx/Rx
Memory
Memory
32
12
31
11
3-2
3-3

Fig.1a

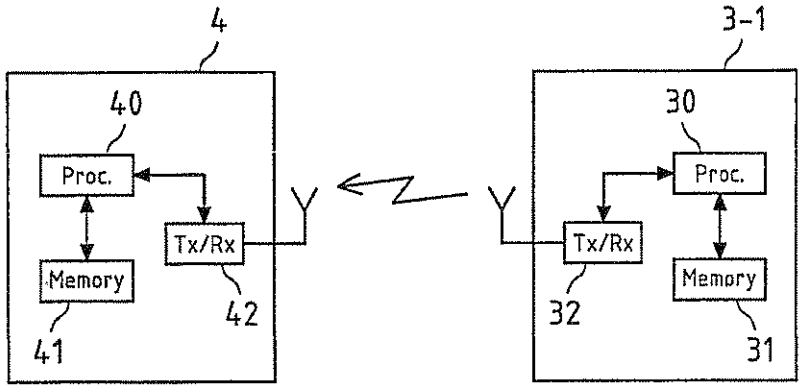

4
3-1
40
30
Proc.
Proc.
Tx/Rx
Tx/Rx
Memory
Memory
42
32
41
31

Fig.1b

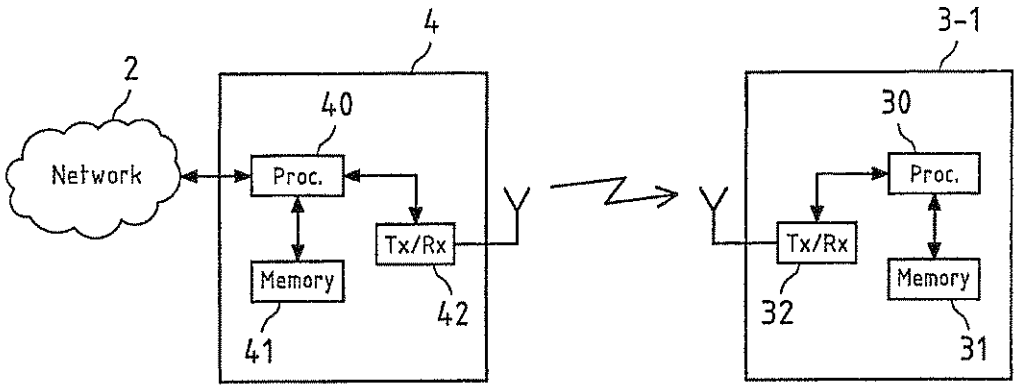



Fig.1c

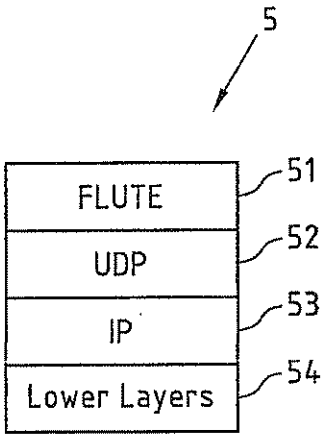



Fig.2a

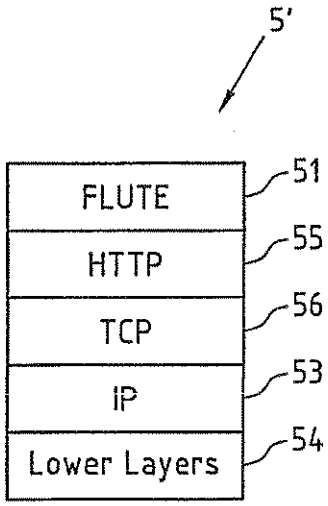



Fig.2b

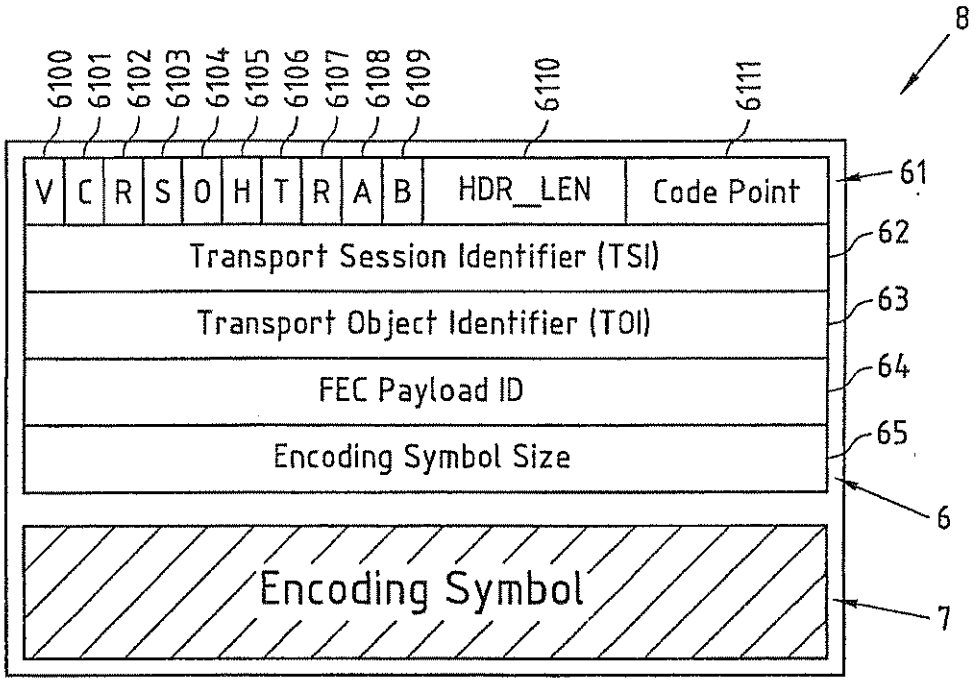

8
6100
6101
6102
6103
6104
6105
6106
6107
6108
6109
6110
6111
V
C
R
S
O
H
T
R
A
B
HDR_LEN
Code Point
61
Transport Session Identifier (TSI)
62
Transport Object Identifier (TOI)
63
FEC Payload ID
64
Encoding Symbol Size
65
6
Encoding Symbol
7

Fig.3a

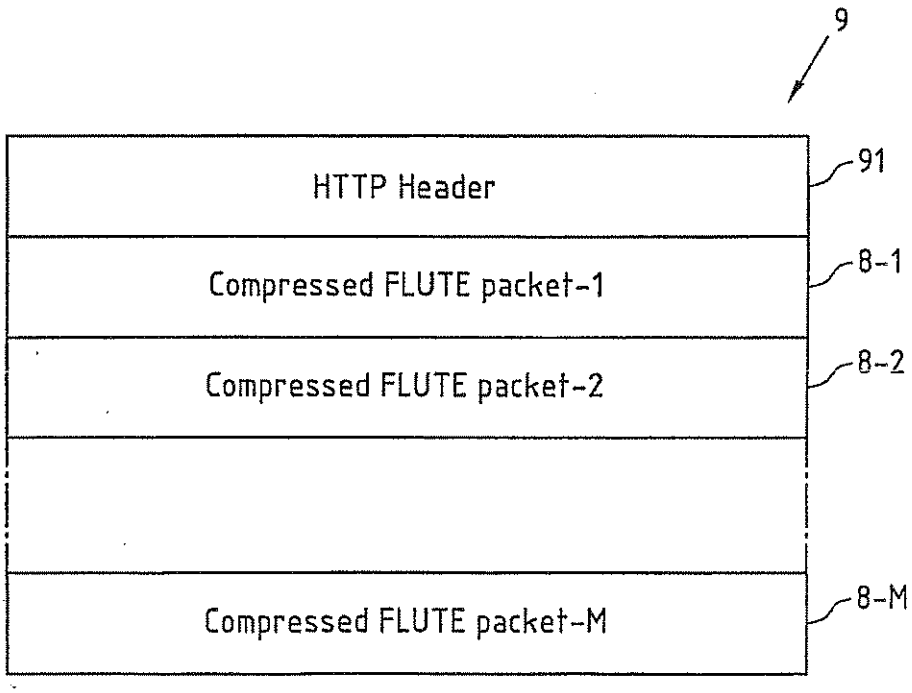

9
HTTP Header
91
Compressed FLUTE packet-1
8-1
Compressed FLUTE packet-2
8-2
Compressed FLUTE packet-M
8-M

Fig.3b

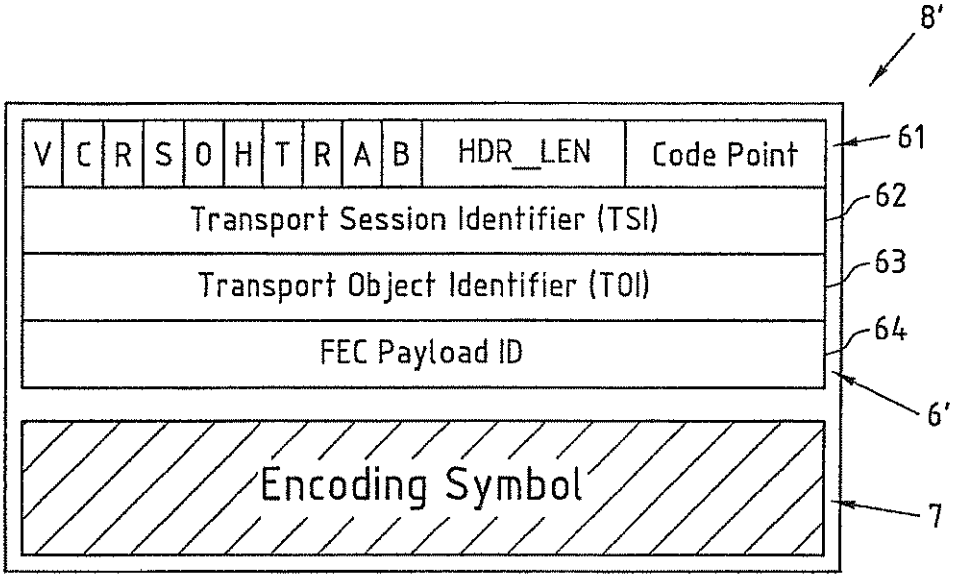

8'
V
C
R
S
O
H
T
R
A
B
HDR_LEN
Code Point
61
Transport Session Identifier (TSI)
62
Transport Object Identifier (TOI)
63
FEC Payload ID
64
6'
Encoding Symbol
7

Fig.4a

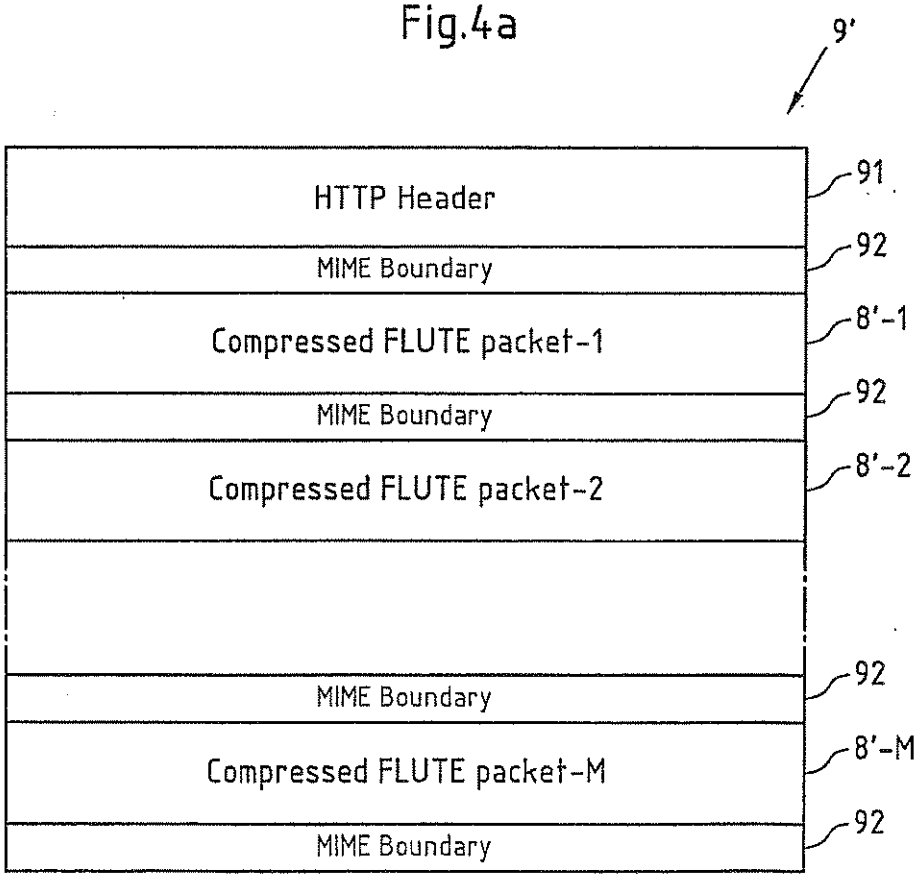

9'
HTTP Header
91
MIME Boundary
92
Compressed FLUTE packet-1
8'-1
MIME Boundary
92
Compressed FLUTE packet-2
8'-2
MIME Boundary
92
Compressed FLUTE packet-M
8'-M
MIME Boundary
92

Fig.4b

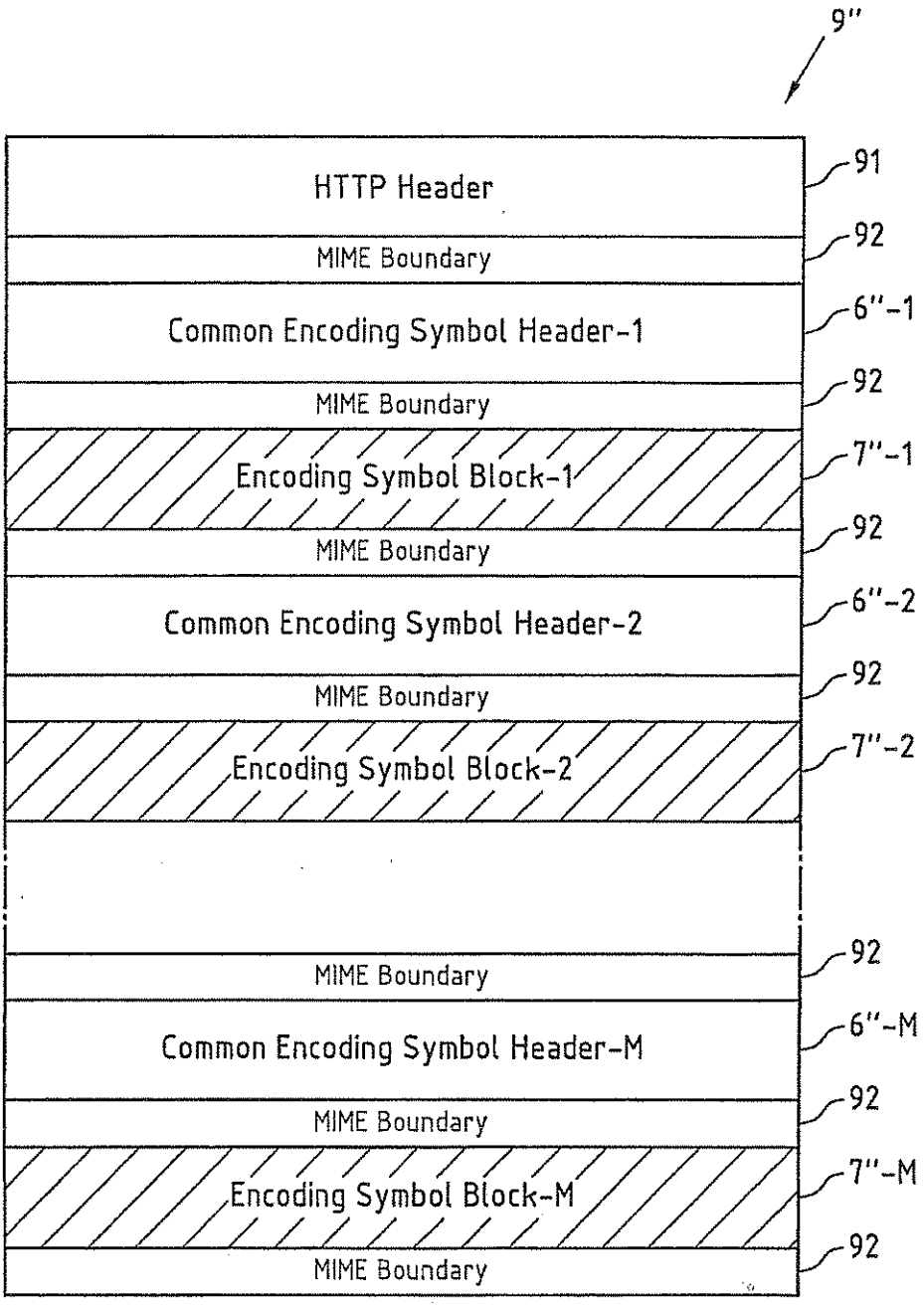

9''
HTTP Header
91
MIME Boundary
92
Common Encoding Symbol Header-1
6''-1
MIME Boundary
92
Encoding Symbol Block-1
7''-1
MIME Boundary
92
Common Encoding Symbol Header-2
6''-2
MIME Boundary
92
Encoding Symbol Block-2
7''-2
MIME Boundary
92
Common Encoding Symbol Header-M
6''-M
MIME Boundary
92
Encoding Symbol Block-M
7''-M
MIME Boundary
92

Fig.5a

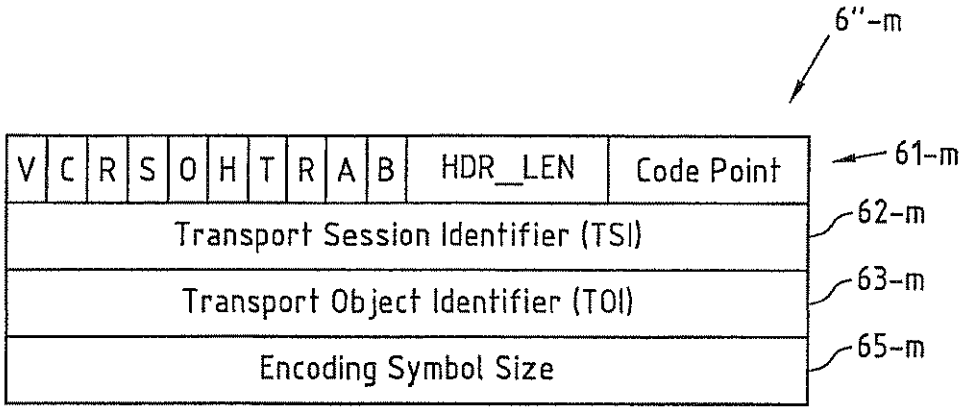

6''-m
V
C
R
S
O
H
T
R
A
B
HDR_LEN
Code Point
61-m
Transport Session Identifier (TSI)
62-m
Transport Object Identifier (TOI)
63-m
Encoding Symbol Size
65-m

Fig.5b

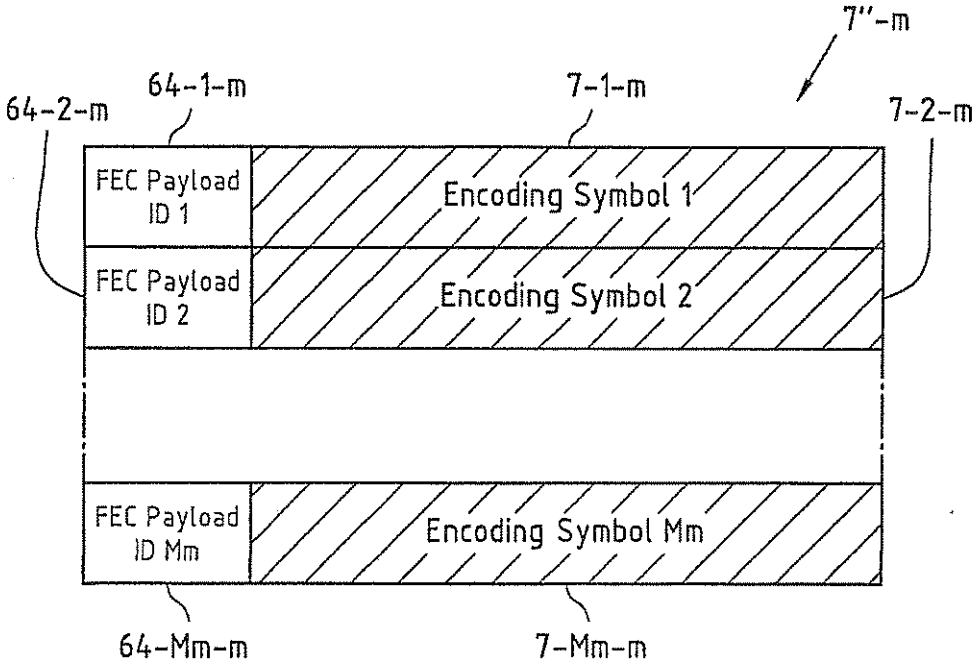

7''-m
64-2-m
64-1-m
7-1-m
7-2-m
FEC Payload ID 1
Encoding Symbol 1
FEC Payload ID 2
Encoding Symbol 2
FEC Payload ID Mm
Encoding Symbol Mm
64-Mm-m
7-Mm-m

Fig.5c

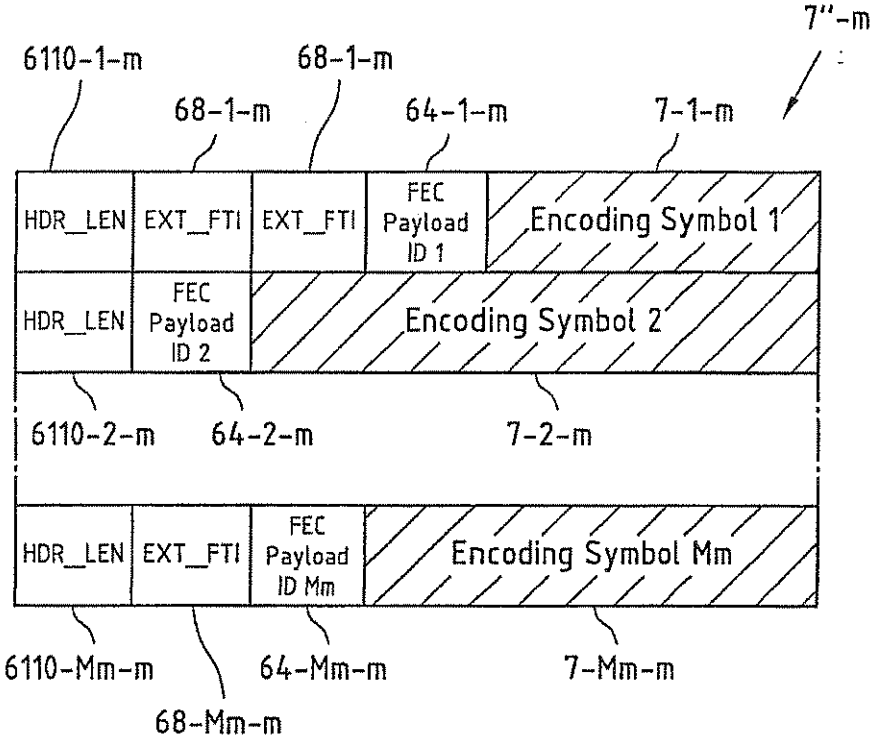

7''-m
6110-1-m
68-1-m
68-1-m
64-1-m
7-1-m
HDR_LEN
EXT_FTI
EXT_FTI
FEC Payload ID 1
Encoding Symbol 1
HDR_LEN
FEC Payload ID 2
Encoding Symbol 2
6110-2-m
64-2-m
7-2-m
HDR_LEN
EXT_FTI
FEC Payload ID Mm
Encoding Symbol Mm
6110-Mm-m
68-Mm-m
64-Mm-m
7-Mm-m

Fig.5d

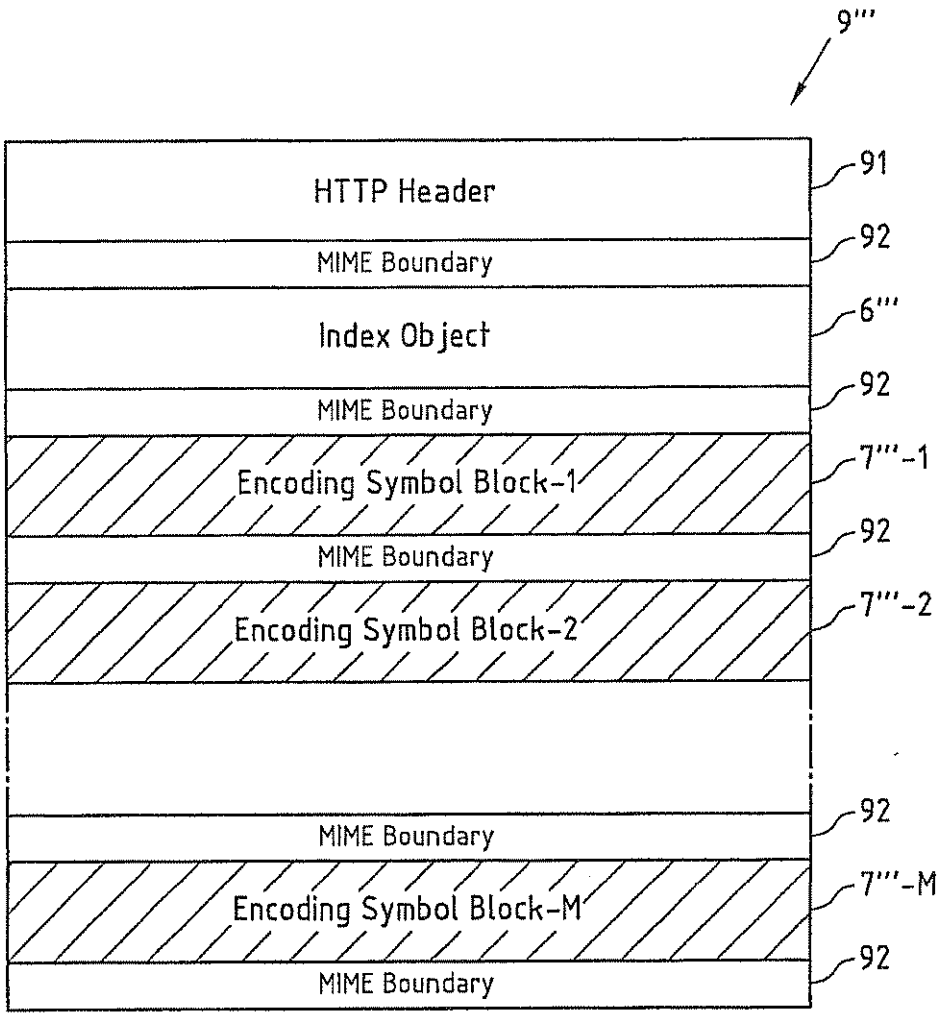

9'''
HTTP Header
91
MIME Boundary
92
Index Object
6'''
MIME Boundary
92
Encoding Symbol Block-1
7'''-1
MIME Boundary
92
Encoding Symbol Block-2
7'''-2
MIME Boundary
92
Encoding Symbol Block-M
7'''-M
MIME Boundary
92

Fig.6a

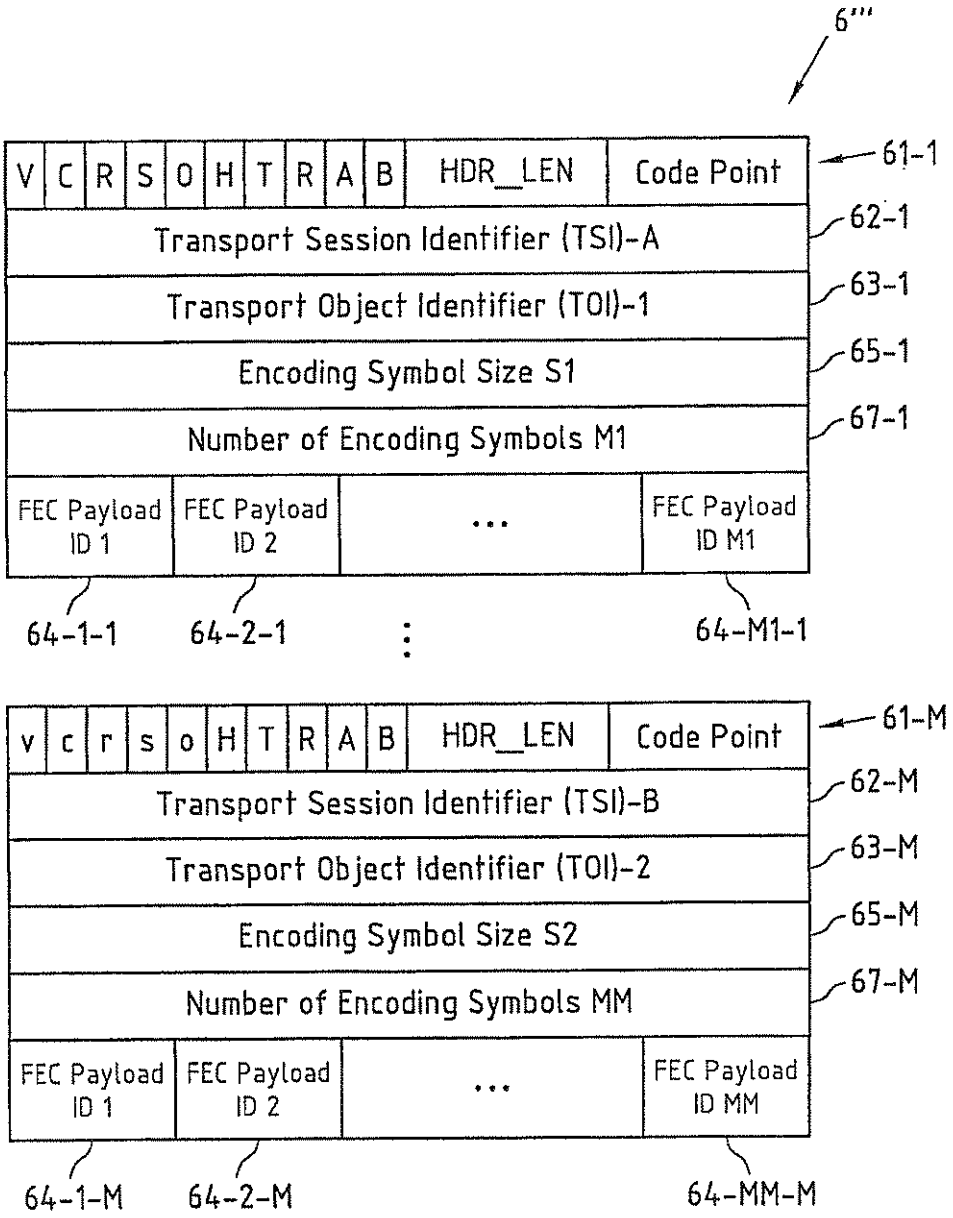

6'''
V C R S O H T R A B
HDR_LEN
Code Point
61-1
Transport Session Identifier (TSI)-A
62-1
Transport Object Identifier (TOI)-1
63-1
Encoding Symbol Size S1
65-1
Number of Encoding Symbols M1
67-1
FEC Payload ID 1
FEC Payload ID 2
...
FEC Payload ID M1
64-1-1
64-2-1
64-M1-1
v c r s o H T R A B
HDR_LEN
Code Point
61-M
Transport Session Identifier (TSI)-B
62-M
Transport Object Identifier (TOI)-2
63-M
Encoding Symbol Size S2
65-M
Number of Encoding Symbols MM
67-M
FEC Payload ID 1
FEC Payload ID 2
...
FEC Payload ID MM
64-1-M
64-2-M
64-MM-M

Fig.6b

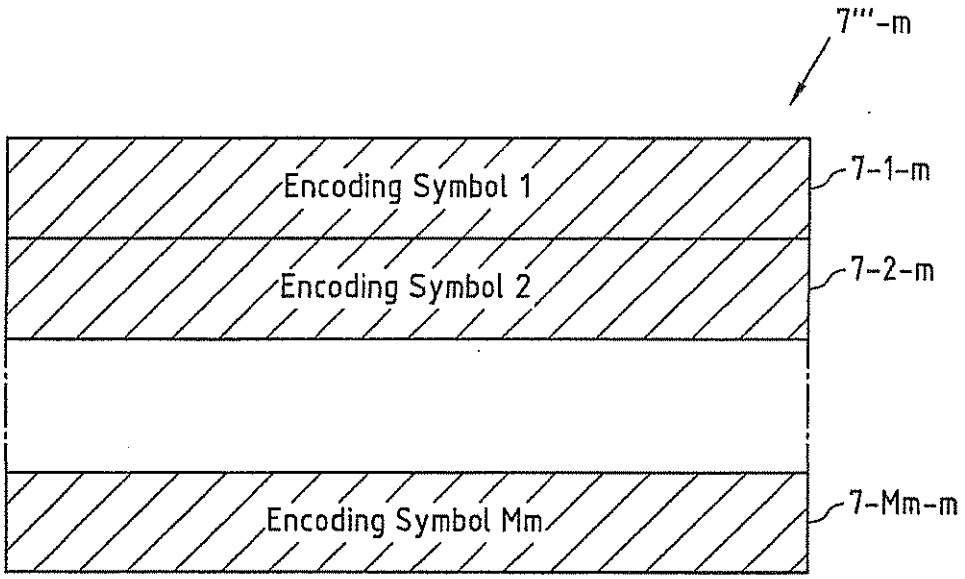

7'''-m
Encoding Symbol 1
7-1-m
Encoding Symbol 2
7-2-m
Encoding Symbol Mm
7-Mm-m

Fig.6c

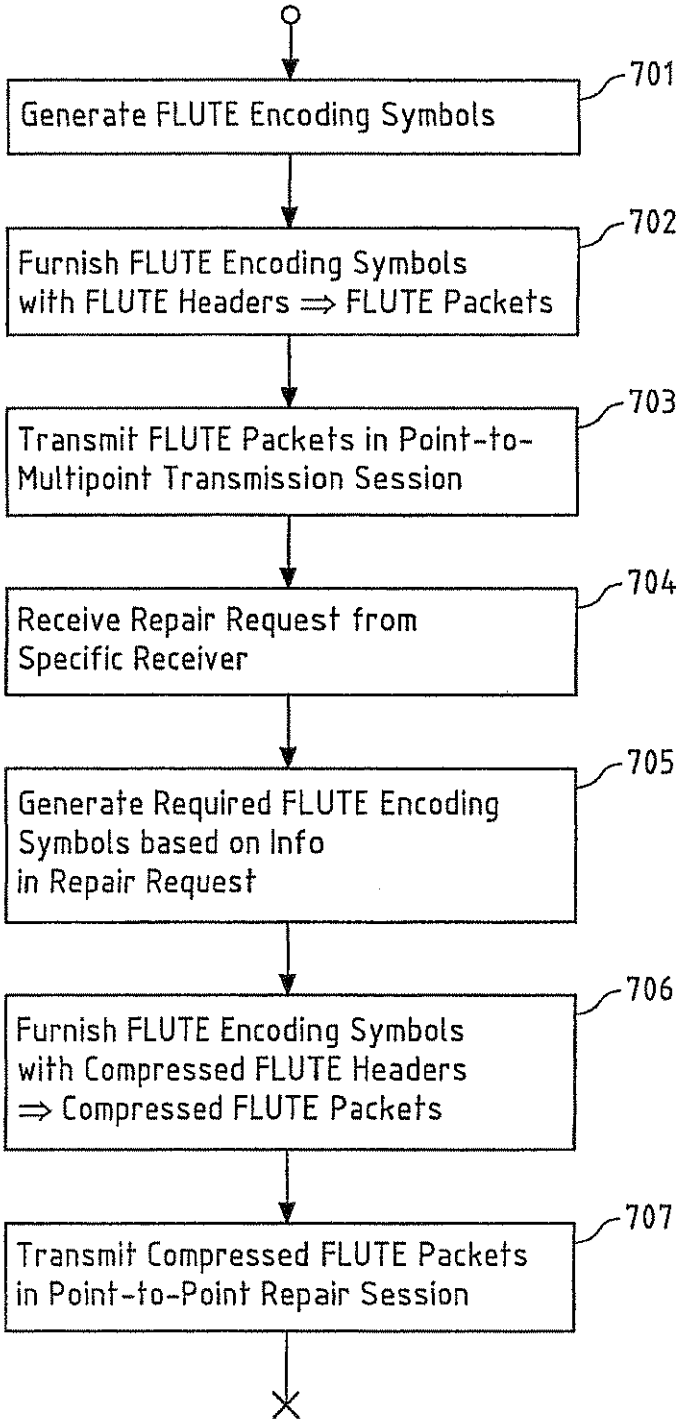

Generate FLUTE Encoding Symbols
701
Furnish FLUTE Encoding Symbols with FLUTE Headers ⇒ FLUTE Packets
702
Transmit FLUTE Packets in Point-to-Multipoint Transmission Session
703
Receive Repair Request from Specific Receiver
704
Generate Required FLUTE Encoding Symbols based on Info in Repair Request
705
Furnish FLUTE Encoding Symbols with Compressed FLUTE Headers ⇒ Compressed FLUTE Packets
706
Transmit Compressed FLUTE Packets in Point-to-Point Repair Session
707

Fig.7