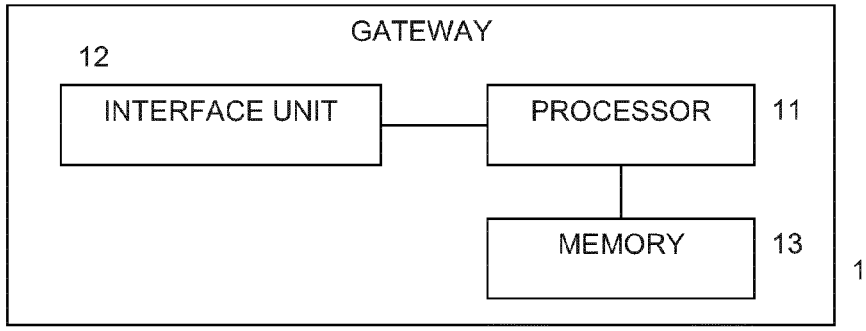
GATEWAY
12
INTERFACE UNIT
PROCESSOR
11
MEMORY
13
1

Fig. 1

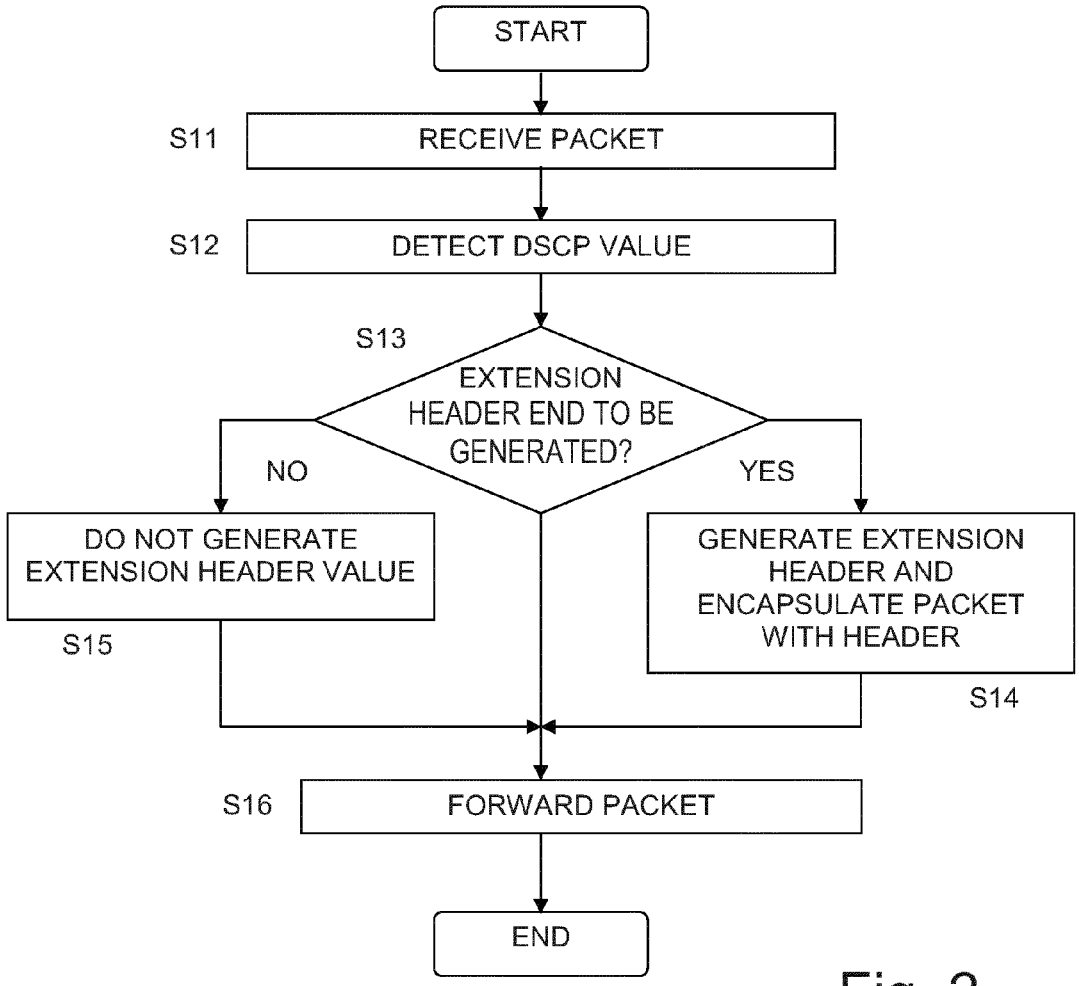
START
S11
RECEIVE PACKET
S12
DETECT DSCP VALUE
S13
EXTENSION HEADER END TO BE GENERATED?
NO
YES
DO NOT GENERATE EXTENSION HEADER VALUE
S15
GENERATE EXTENSION HEADER AND ENCAPSULATE PACKET WITH HEADER
S14
S16
FORWARD PACKET
END

Fig. 2