ABSTRACT

A communication apparatus that performs wireless communication includes transmission control means for controlling transmission of a frame to another communication apparatus, the frame including an information element in which information indicating whether a second Listen mode is supported is stored, the second Listen mode being a Listen mode for suppressing power consumption in a case where a Listen operation that is an operation of waiting for communication is performed, as compared with power consumption in a case where the Listen operation is performed in a first Listen mode, the second Listen mode enabling the Listen operation to be performed under a condition expected to consume less power than in the first Listen mode with respect to at least one of the number of communication links, a bandwidth, a spatial stream, and Modulation and Coding Scheme (MCS).

FIG 13