

INFORMATION PROCESSING APPARATUS, COMMUNICATION SYSTEM,
INFORMATION PROCESSING METHOD, AND PROGRAM

[ABSTRACT]

The efficiency of utilization of communication resources is improved by suitably setting a transmission inhibition time.

An information processing apparatus includes a control part. The control part performs control to transmit a frame for requesting the transmission of data to an information processing apparatus as a destination of the data and for requesting information processing apparatuses other than the information processing apparatus as the destination to set a transmission inhibition time, the frame being transmitted with transmitting power determined on the basis of surrounding environment information regarding an environment surrounding the information processing apparatus transmitting the frame. Transmission of the frame causes the transmission inhibition time to be set over an appropriate range of information processing apparatuses.

Fig. 2