

FILTER DEVICE AND PLASMA PROCESSING APPARATUS

ABSTRACT

Provided is a filter device including a plurality of coils, a plural of capacitors, and a frame. The coils constitute a plurality of coil groups. Each coil group includes two or more coils. The two or more coils in each coil group are provided such that respective windings of the two or more coils extend spirally about a central axis and respective turns of the two or more coils are sequentially and repeatedly arranged in an axial direction in which the central axis extends. The coil groups are provided coaxially with the central axis. A pitch between the respective turns of the two or more coils of any one coil group among the coil groups is larger than a pitch between the respective turns of the two or more coils of the coil group provided inside the one coil group among the coil groups.

[FIG. 4]