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**OGAWA**(10) **Pub. No.: US 2022/0385260 A1**(43) **Pub. Date: Dec. 1, 2022**(54) **LC RESONATOR AND LC FILTER****Publication Classification**(71) Applicant: **Murata Manufacturing Co., Ltd.**,  
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**ABSTRACT**

An LC resonator includes first and second plane electrodes, a first line electrode, a first and second via conductors, and a third plane electrode. The second plane electrode is opposed to at least a portion of the first plane electrode in a specific direction. The first via conductor and the second via conductor extend from the first line electrode in the specific direction to be connected to the first plane electrode and the second plane electrode, respectively. The third plane electrode is opposed to at least a portion of the second plane electrode in the specific direction. The second plane electrode is between the first plane electrode and the third plane electrode in the specific direction.

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