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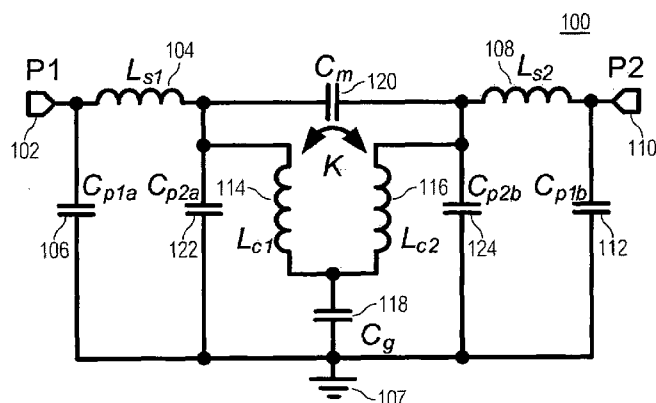
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(54) Title: MINIATURIZED PASSIVE LOW PASS FILTER

FIG. 1

(57) Abstract: A low pass filter circuit (100) structure is provided. The low pass filter circuit structure includes first and second dominant inductor (114, 116)s, a first capacitor (120) and first and second shunt capacitors (122, 124). The first dominant inductor has a first end and a second end and the second dominant inductor has a first end and a second end. The second end of the first dominant inductor is electrically connected to the second end of the second dominant inductor. The first capacitor is electrically coupled between the first end of the first dominant inductor and the first end of the second dominant inductor. The first shunt capacitor is electrically coupled between the first end of the first dominant inductor and a ground potential, and the second shunt capacitor is electrically coupled between the first end of the second dominant inductor and the ground potential. The first dominant inductor and the second dominant inductor are further coupled by one or both of magnetic coupling and parasitic mutual capacitive coupling.