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(54) **WIRELESS ENERGY TRANSFER WITH REDUCED FIELDS**

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CPC ..... **H04B 5/0037** (2013.01); **H02J 5/005** (2013.01); **H03H 7/0115** (2013.01); **H04B 5/0075** (2013.01)

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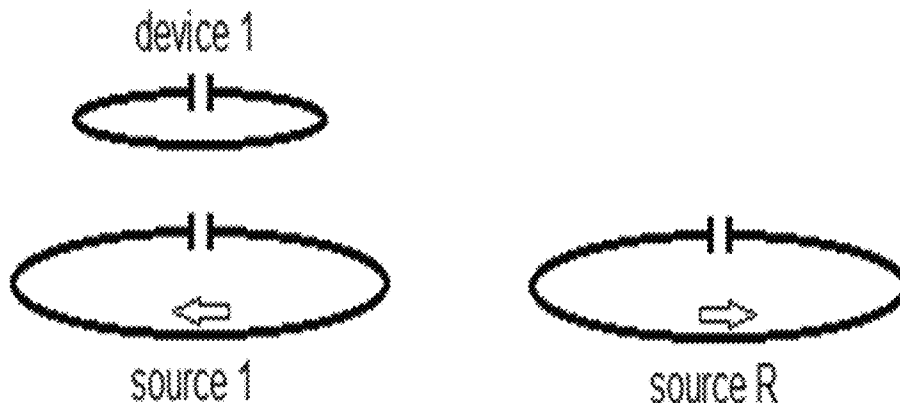
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(57) **ABSTRACT**

A magnetic resonator includes an inductor comprising a conductive first loop having a first dipole moment and a conductive second loop having a second dipole moment wherein a direction of the first dipole moment is substantially opposite to a direction of the second dipole moment and at least one capacitor in series with at least one of the first loop and the second loop.

**10 Claims, 51 Drawing Sheets**



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