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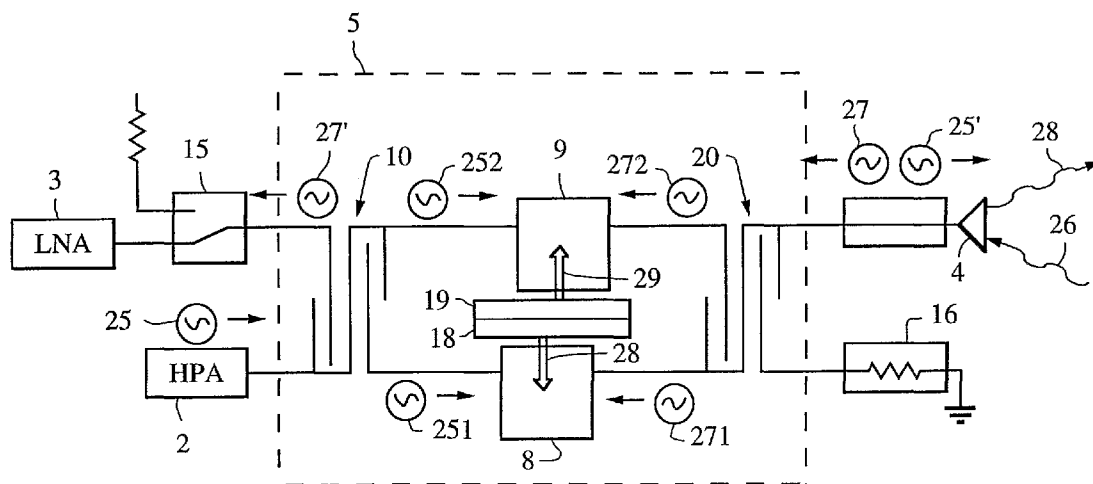
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(54) Title: **LOW-PROFILE CIRCULATOR**



(57) Abstract: A circulator (5) comprises first and second couplers (10, 20). The first and second couplers (10, 20) are coupled by first and second transmission lines (8, 9). First and second magnetic fields (28, 29) are provided crossing the first and second transmission lines (8, 9), respectively. In an exemplary embodiment, the magnetic fields (28, 29) are substantially parallel with and within a plane defined by the first and second transmission lines (8, 9).

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