

Title (en)
DELAY LINE FILTER

Title (de)
VERZÖGERUNGSLEITUNGSFILTER

Title (fr)
FILTRE LIGNE A RETARD

Publication
EP 1186071 A1 20020313 (EN)

Application
EP 00944661 A 20000614

Priority

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Abstract (en)
[origin: WO0101511A1] A delay circuit (28) configured to include a delay compensating circuit (29) coupled in series with an integrated filter circuit (30). The delay compensating circuit (29) comprises a miniaturized 3db quadrature hybrid coupler (40) having first, second, third, and fourth ports, and a first resonator (41) and a second resonator (46) formed from lumped elements, respectively coupled to the second and third ports; and the filter circuit (30) comprises a plurality of lumped elements coupled in series with the delay compensating circuit (29) to one of the first and second ports.

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