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(71) Applicant: THOMSON CONSUMER ELECTRONICS INC.
[US/US]; 10330 North Meridian Street, Indianapolis, IN
46290-1024 (US).

(72) Inventors: PUGEL, Michael, Anthony; 20925 Creek Road,
Noblesville, IN 46060 (US); RICHTER, Kurt, Joseph; 41
Mersey Court, Carmel, IN 46031 (US).

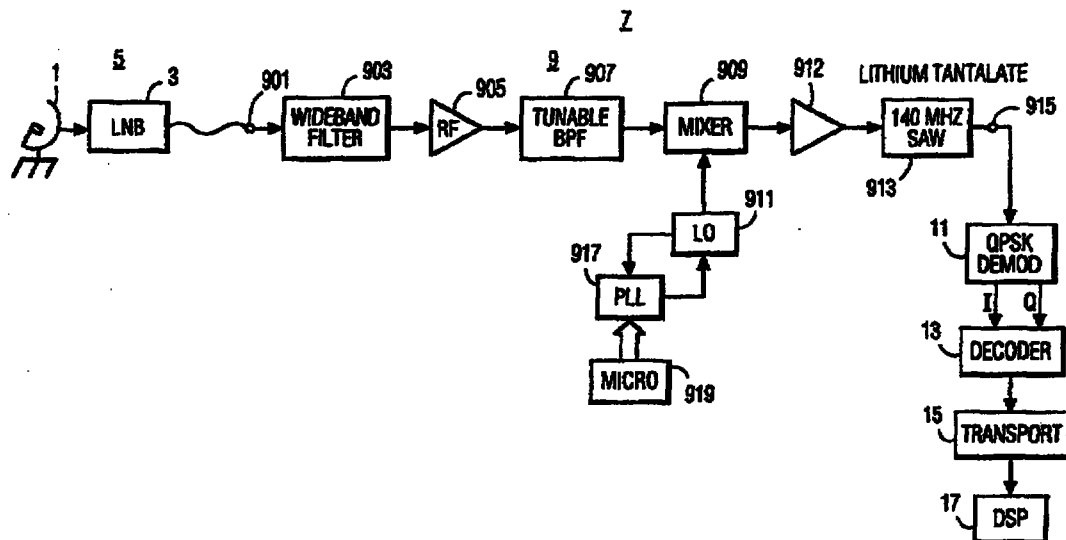
(74) Agents: TRIPOLI, Joseph, S. et al.; GE & RCA Licensing
Management Operation, Inc., CN 5312, Princeton, NJ 08540
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(54) Title: TUNER FOR DIGITAL SATELLITE RECEIVER



(57) Abstract

A tuner (9) for a digital satellite television receiver comprises a single conversion stage which produces an IF signal at a low enough frequency to permit a SAW filter (913) to be used to perform symbol shaping as well as the normal IF filtering function. The local oscillator (911) is controlled by a phase locked loop tuning control IC normally used to control the local oscillator (911) of a tuner of a conventional broadcast or cable television receiver. In an exemplary embodiment for tuning RF signals provided by a block converter (3) in the 950 to 1450 MHz frequency range, the IF has a center frequency of 140 MHz.