

Title (en)
METHOD AND DEVICE FOR PULSE SHAPING QPSK SIGNALS

Title (de)
VERFAHREN UND VORRICHTUNG ZUR IMPULSFORMUNG QPSK-SIGNALE

Title (fr)
PROCEDE ET DISPOSITIF DE MISE EN FORME DE SIGNAUX QPSK

Publication
EP 1497962 A1 20050119 (EN)

Application
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Priority
US 0212806 W 20020423

Abstract (en)
[origin: WO03092233A1] A baseband shaping device includes a plurality of coefficient memories, each memory having an input address bus, a multiplexor input and a coefficient value output. The device further includes a plurality shift registers, each having an input coupled to a respective one of the coefficient value outputs, a digital to analog clock input and an output. The device further includes a plurality of negative value circuits, each circuit having an input coupled to a respective one of the first shift register outputs and an output, a plurality of multiplexors, each having a first input coupled to a respective one of the first shift register outputs and a second input coupled to a respective one of the output of the plurality of negative value circuits. The device further includes a plurality of second shift registers, and an adder having a plurality of inputs coupled to the plurality of second shift registers.

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