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(54) **Title:** COMPENSATION OF RADIO CHANNEL QUALITY

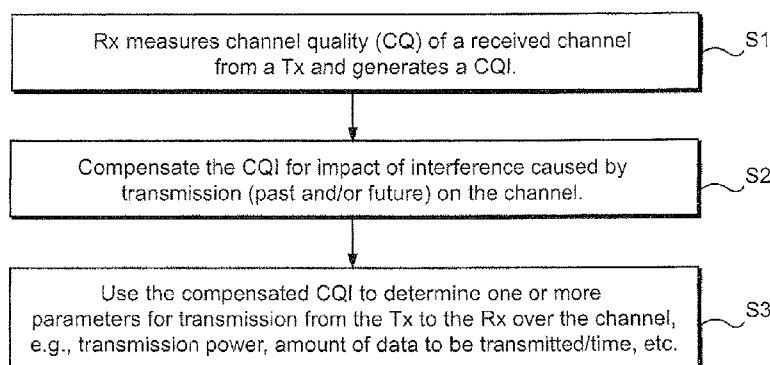


Figure 3

(57) **Abstract:** A channel quality of a radio channel between a transmitter and a receiver is detected by the receiver. The channel quality is compensated for an effect of a transmission on the radio channel when the receiver detected the channel quality or an effect of a future transmission on the radio channel. In a preferred example embodiment, the channel quality is compensated for both effects if present. The compensated channel quality is then used to determine one or more parameters for transmission from the transmitter to the receiver over the radio channel, e.g., an amount of data to be transmitted, a transmission power, and/or a transmission time period.



WO 2009/096878 A3

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

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C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2006/126954 A (ERICSSON TELEFON AB L M [SE]) 30 November 2006 (2006-11-30) abstract figures 1,2,4,8,10,12,14 page 4, line 33 - page 5, line 34 page 6, line 34 - page 7, line 4 page 12, line 12 - page 13, line 27 page 15, line 6 - line 21 page 17, line 13 - line 29 page 19, line 30 - page 20, line 8	1-20
X	EP 1 437 841 A (MATSUSHITA ELECTRIC IND CO LTD [JP]) 14 July 2004 (2004-07-14) abstract figures 1,3,7 paragraphs [0027], [0028], [0065] - [0068]	1,3,5,6, 8,11,13, 15,16,18

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Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2006/065181 A (ERICSSON TELEFON AB L M [SE]; JONSSON ANDERS [SE]) 22 June 2006 (2006-06-22) abstract figures 1,2 page 13, line 7 - page 14, line 24 -----	1,2,8, 11,12,18
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Information on patent family members

International application No PCT/SE2009/050018

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