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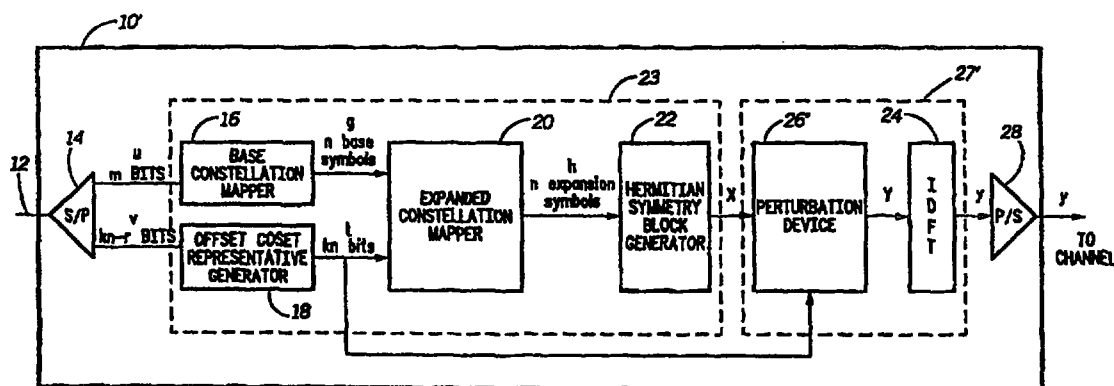
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(54) Title: SYSTEM, DEVICE AND METHOD FOR IMPROVING A DEFINED PROPERTY OF TRANSFORM-DOMAIN SIGNALS



(57) Abstract

A system, device and method for improving a defined property of transform-domain systems; the device includes: a signal mapper (23) which maps input data into blocks of symbols in a first domain and which generates offset bits corresponding to each block of symbols; and a perturbation/transform device (27), responsive to the blocks of symbols in the first domain and the corresponding offset bits, which produces blocks of perturbed transform domain symbols in order to improve the defined property of the transformed symbols.