

ANNEX TO STATEMENT OF REASONS
(EUROPEAN PATENT (UK) NO. 1 114 415 B1)

Claim 1:

A linear predictive analysis-by-synthesis coding method, characterized by determining unquantized values of gains of a plurality of subframes;

vector quantizing said unquantized gains over subframe boundaries without sacrificing the synchronization between encoder and decoder, and
updating internal encoder states using said vector quantized gains.

Claim 8:

A linear predictive analysis-by-synthesis encoder, characterized by

a search algorithm block (50) for determining unquantized values of gains of a plurality of subframes;

a vector quantizer (58) for vector quantizing said unquantized gains over subframe boundaries without sacrificing the synchronization between encoder and decoder, and
means (50, 52, 54, 56) for updating internal encoder states using said vector quantized gains.