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(12) **CORRECTED EUROPEAN PATENT APPLICATION**

Note: Bibliography reflects the latest situation

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Remarks:

This application was filed on 11 - 06 - 2004 as a  
divisional application to the application mentioned  
under INID code 62.

(54) **Error-correcting encoding apparatus**

(57) A desired encoding rate is obtained by an error-correcting encoding apparatus including convolution units (43, 44) provided in parallel with each other. The convolution units provided in parallel with each other perform convoluting processes on source data. An interleaver (42) randomizes the source data provided

from one of the convolution units. Puncturing units (45, 46) select data elements form parity data sequences produced by the convolution according to predetermined puncturing patterns. A multiplexing unit (47) provides the parity data elements selected by the puncturing units for the output data sequence.

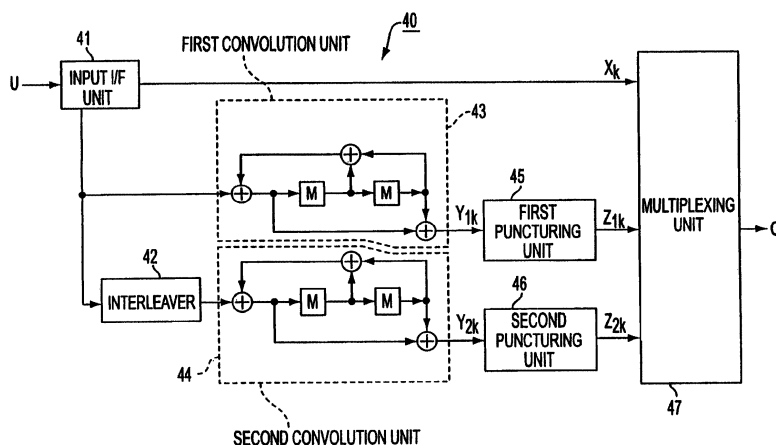


FIG. 3