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(54) **Method and device for transforming a series of data packets by means of data compression**

(57) The invention relates to a method and device for converting data packets by coding or compression (P), source data packets (11-15) being converted into transmission data packets (21-23). In order to achieve an optimal degree of filling of the transmission data packets, a data field of a transmission data packet (e.g. 21) according to the invention comprises only data of

one logical channel (e.g. A). To this end, the converted data of the logical channels (A, B, ...) are separately buffered in preferably parallel buffers. Reconstruction information is not incorporated in the data fields of the transmission data packets but, if necessary, is transmitted in advance. The invention is applied, in particular, in X.25 networks.

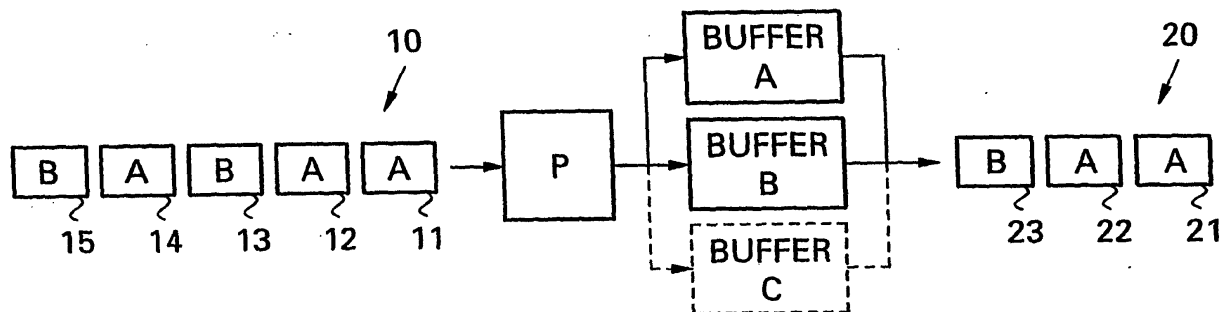


FIG. 2



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EUROPEAN SEARCH REPORT

Application Number
EP 02 02 3518

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The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 29 July 2003	Examiner Barel-Fauchoux, C
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

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EUROPEAN SEARCH REPORT

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THE HAGUE		29 July 2003	Barel-Faucheux, C
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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 02 02 3518

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82