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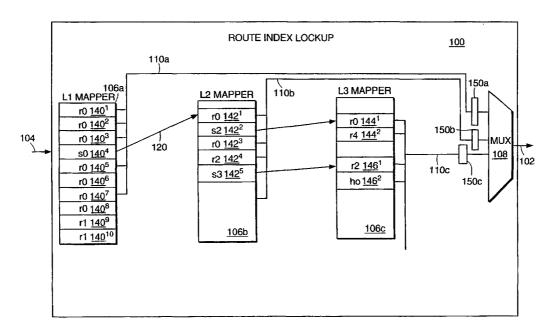
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(54) Title: METHOD AND APPARATUS FOR LONGEST MATCH ADDRESS LOOKUP



(57) Abstract: We present a lookup table for providing a longest prefix match for a key provided in a search request. The search key is provided in a single search request issued to the lookup table. The lookup table performs a multi-level search for the result value based on successive portions of the key.



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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

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"E" earlier document but published on or after the international filing date "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to					
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	European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,				
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