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Data compression

United States of America Patent

PATENT NO	**6414610**
SERIAL NO	**09367885**

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Stats

- **Jul 2, 2002**
  Grant Date
- **N/A**
  app pub date
- **Aug 20, 1999**
  filing date
- **Feb 24, 1997**
  priority date (Note)
- **In Force**
  status (Latency Note)

Importance

Calculated Rating

US Family Size Non-US Coverage

Patent Longevity Forward Citations

Abstract

See full text

A method of adapting a connection structure forming part of a dictionary in a computer memory device is provided. The structure includes a plurality of interface connections and a plurality of non-interface connections, with each interface connection representing a symbol, and the presence or absence of a chain of non-interface connections in which the symbol is represented, and each non-interface connection representing a relationship between two symbols, two non-interface connections, a symbol and a non-interface connection, or a non-interface connection and a symbol. The method includes determining alternative relationships between pairs of symbols, non-interface connections, and symbols and non-interface connections within the structure, and removing existing non-interface connections from the structure and inserting new non-interface connections into the structure according to relative numbers of occurrences of the alternative relationships within the dictionary.

First Claim

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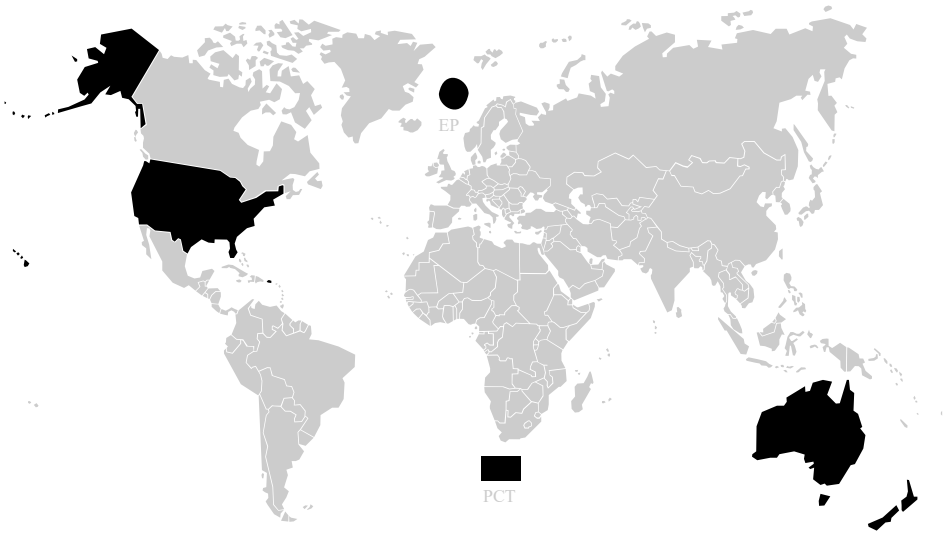
1. A method of adapting a connection structure forming part of a dictionary in a computer memory device, said structure comprising a plurality of interface connections and a plurality of non-interface connections, each interface connection representing a symbol, and the presence or absence of a chain of non-interface connections in which the symbol is represented, and each non-interface connection representing a relationship between two symbols, two non-interface connections, a symbol and a non-interface connection, or a non-interface connection and a symbol; said method comprising: determining alternative relationships between pairs of symbols, non-interface connections, and symbols and non-interface connections within the structure, and removing existing non-interface connections from the structure and inserting new non-interface

connections into the structure according to relative numbers of occurrences of the alternative relationship within the dictionary.

Family

all claims..



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Country	kind	publication No.	Filing Date	Type	Sub-Type
AU	B2	AU699823	Dec 20, 1994	Patent	Grant
EP	A1	EP0737383	Dec 20, 1994	Patent	Application
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WO	A1	WO1995017783	Dec 20, 1994	Patent	Application
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WO	A2	WO1998039723	Feb 24, 1998	Patent	Application
AU	A	AU6313298	Feb 24, 1998	Patent	Application

Patent Owner(s)

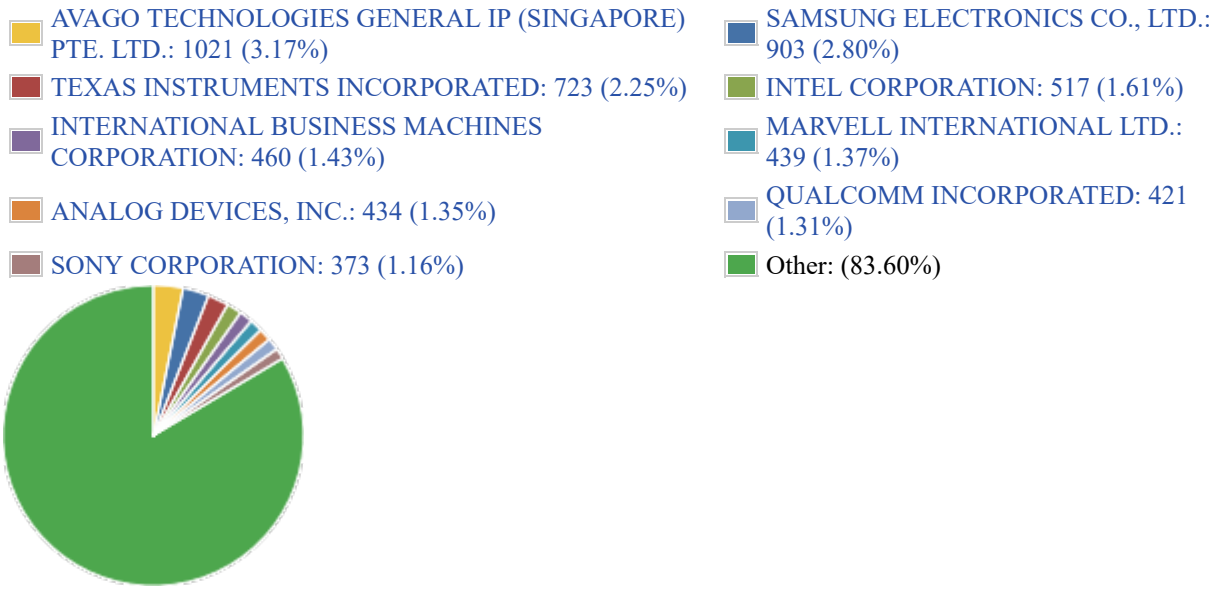
Patent Owner	Address
SMITH RODNEY J	Not Provided

International Classification(s)

H03M:CODING, DECODING OR CODE CONVERSION, IN GENERAL

- *View H03M*

- *32271* Total Patents



- *1999* Application Filing Year
- *H03M* Class
- *894* Applications Filed
- *596* Patents Issued To-Date
- *66.67* % Issued To-Date

Inventor(s)

Inventor Name	Address	# of filed Patents	Total Citations
Smith, Rodney J	21 Baroda Street, Khandallah, Wellington, NZ	5	160

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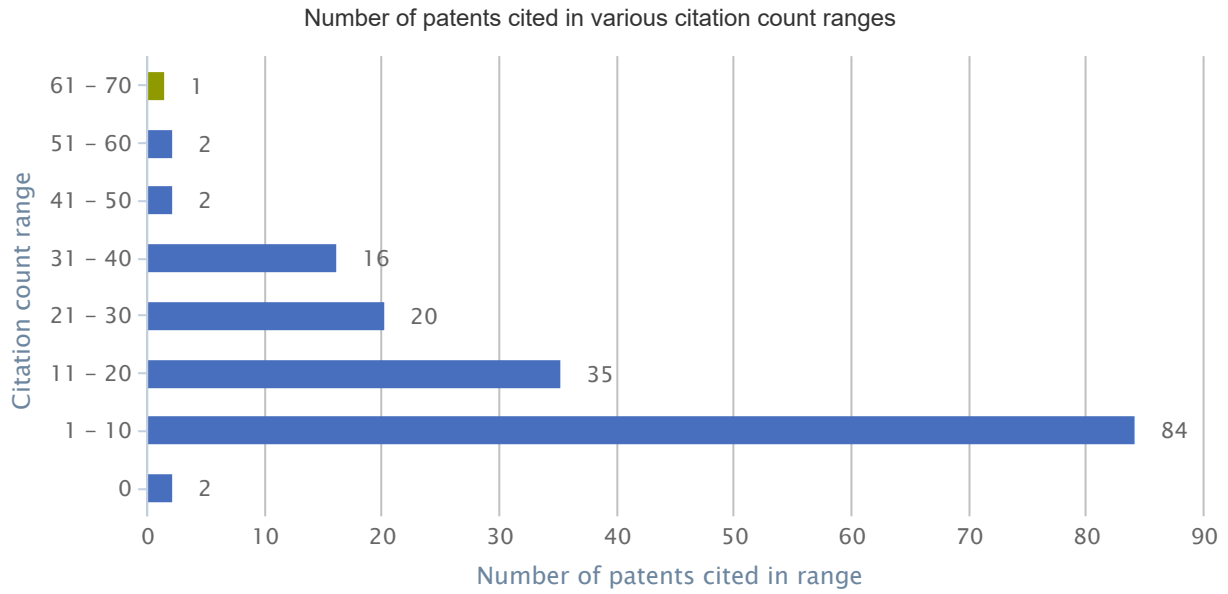

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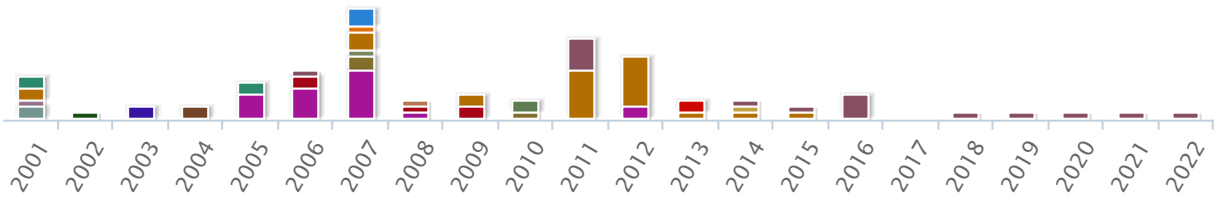

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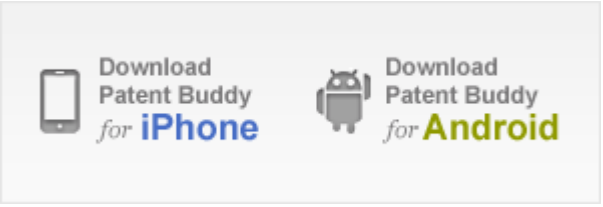

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