Methods and Apparatus for Parallel Execution of a Process

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BRIEF DESCRIPTION

Methods that define the operation of parallel computation for multiple-computer interaction and cloud computing.

BACKGROUND

Parallel computing is the concurrent use of multiple processors to solve a computational problem. Dividing a problem between processors makes for a faster solution than can be accomplished with a single processor. However, writing program code to solve a computational problem in parallel is very challenging.

DESCRIPTION

Researchers at the University of California, Santa Barbara have developed several methods that define the operation of parallel computation. The algorithms developed specify the details of parallel computing for situations such as multiple-computer interaction and cloud computing.

ADVANTAGES

- Optimizes the structure of parallel computing operations

APPLICATIONS

- Parallel Computing
- Cloud Computing

PATENT STATUS

Country	Type	Number	Dated	Case
United States Of America	Issued Patent	7,814,462	10/12/2010	2008-273

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OTHER INFORMATION

KEYWORDS

parallel computing, cloud computing

CATEGORIZED AS

- **Computer**
  - Hardware
  - Software

RELATED CASES

2008-273-0