Title (en)

ALLOCATION OF RESOURCES AMONG AN ARRAY OF COMPUTERS

Title (de)

RESSOURCENZUWEISUNG IN EINER COMPUTERREIHE

Title (fr)

AFFECTATION DE RESSOURCES DANS UN RESEAU D'ORDINATEURS

Publication

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Application

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Priority

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- US 78826506 P 20060331
- US 44178406 A 20060526
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- US 44181806 A 20060526

Abstract (en)

[origin: WO2007098024A2] A computer array (10) has a plurality of computers (12). The computers (12) communicate directly with neighbor computers and indirectly with other computers in the array. The computers pass data words that include data and/or instructions. As many as 4 instructions can be included in one 18 bit data word. Since four instructions are communicated at a time it is possible to communicate an entire micro-loop made up of as many as four instructions. The computers of the present invention can execute instruction directly from their input registers.

IPC 8 full level

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CPC (source: EP KR)

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