

## Title (en)

SYSTEM HAVING A HYBRID THREADING PROCESSOR, A HYBRID THREADING FABRIC HAVING CONFIGURABLE COMPUTING ELEMENTS, AND A HYBRID INTERCONNECTION NETWORK

## Title (de)

SYSTEM MIT EINEM HYBRIDEN THREADING-PROZESSOR, HYBRIDE THREADING-MATRIX MIT KONFIGURIERBAREN RECHENELEMENTEN UND HYBRIDES VERBINDUNGSNETZWERK

## Title (fr)

SYSTÈME COMPRENANT UN PROCESSEUR DE SEGMENTATION HYBRIDE, MATRICE DE SEGMENTATION HYBRIDE COMPRENANT DES ÉLÉMENTS INFORMATIQUES CONFIGURABLES ET RÉSEAU D'INTERCONNEXION HYBRIDE

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## Application

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## Abstract (en)

[origin: CN11602126A] Representative apparatus, method, and system embodiments are disclosed for configurable computing. In a representative embodiment, a system includes: a first, interconnection network; a processor coupled to the interconnection network; a host interface coupled to the interconnection network; and at least one configurable circuit cluster coupled to the interconnection network, the configurable circuit cluster including: a plurality of configurable circuits arranged in an array; a second, asynchronous packet network coupled to each configurable circuit of the plurality of configurable circuits of the array; a third, synchronous network coupled to each configurable circuit of the plurality of configurable circuits of the array; a memory interface circuit coupled to the asynchronous packet network and to the interconnection network; and a dispatch interface circuit coupled to the asynchronous packet network and to the interconnection network.

## IPC 8 full level

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- See references of WO 2019089816A2

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