Title (en)

TRANSMITTING DATA BETWEEN MULTIPLE COMPUTER PROCESSORS

Title (de)

DATENÜBERTRAGUNG ZWISCHEN MEHREREN RECHNERPROZESSOREN

Title (fr)

TRANSMISSION DES DONNEES ENTRE DES ORDINATEURS DE CALCUL MULTIPLES

Publication

**EP 0853850 A4 20010418 (EN)**

Application

**EP 96931682 A 19961002**

Priority

- AU 9600621 W 19961002
- AU PN573795 A 19951002

Abstract (en)

[origin: WO9713344A1] A communications system and method is provided in which data is transmitted between a plurality of nodes (A, B, C, D) in a network comprising a closed loop configuration of one or more pairs of unidirectional transmission rings (1, 2) arranged to transmit data in opposite directions around the rings. Each node includes a respective message processor (5, 6) for each of the transmission rings (1, 2) and a host processor (60) linked to the message processors (5, 6). The traffic of data in each ring is dynamically monitored to obtain traffic information which is utilized by the message processors in accordance with a traffic control process to select one of the rings to transmit data from an originating node to a destination node. In the event of a fault in one of the rings, the other ring is utilized to transmit data at a reduced performance level while repairs are made to the faulty ring.

IPC 1-7

**H04L 12/42**; H04L 12/437; G06F 13/40; G06F 15/173

IPC 8 full level

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CPC (source: EP)

**H04L 12/437** (2013.01); **H04L 12/4637** (2013.01); **H04L 47/10** (2013.01); **H04L 47/11** (2013.01); **H04L 47/125** (2013.01)

Citation (search report)

- No further relevant documents disclosed
- See references of WO 9713344A1

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DOCDB simple family (publication)

**WO 9713344 A1 19970410**; AU PN573795 A0 19951026; CA 2231380 A1 19970410; EP 0853850 A1 19980722; EP 0853850 A4 20010418

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