

Title (en)

VIRTUAL NETWORKING SYSTEM AND METHOD IN A PROCESSING SYSTEM

Title (de)

VIRTUELLES VERNETZUNGSSYSTEM UND VERFAHREN IN EINEM VERARBEITUNGSSYSTEM

Title (fr)

SYSTEME ET PROCEDE DE RESEAUTAGE VIRTUEL DANS UN SYSTEME DE TRAITEMENT

Publication

**EP 1388057 A4 20090701 (EN)**

Application

**EP 02764193 A 20020416**

Priority

- US 0211827 W 20020416
- US 28529601 P 20010420
- US 3719102 A 20020104
- US 3835302 A 20020104
- US 3835402 A 20020104
- US 3835502 A 20020104

Abstract (en)

[origin: WO02086712A1] A system and method for virtual networking (100). Switched Ethernet local area network semantics are provided over an underlying point to point mesh. Computer processor nodes may directly communicate via virtual interfaces over a switch fabric or they may communicate via an ethernet switch emulator (115a, 115b). ARP (address resolution protocol) logic (135) is used to associate IP addresses with virtual interfaces while allowing computer processors to reply to ARP requests with virtual MAC addresses.

IPC 8 full level

**G06F 11/20** (2006.01); **H04L 12/46** (2006.01); **H04L 12/18** (2006.01); **H04L 12/28** (2006.01); **H04L 12/931** (2013.01); **H04L 29/06** (2006.01); **H04L 29/08** (2006.01); **H04L 29/12** (2006.01); **H04L 12/939** (2013.01)

CPC (source: EP)

**H04L 12/28** (2013.01); **H04L 49/351** (2013.01); **H04L 61/00** (2013.01); **H04L 61/10** (2013.01); **H04L 67/1001** (2022.05); **H04L 67/1017** (2013.01); **H04L 67/1097** (2013.01); **H04L 67/131** (2022.05); **H04L 69/329** (2013.01); **H04L 69/40** (2013.01); **H04L 49/354** (2013.01); **H04L 49/557** (2013.01); **H04L 67/1034** (2013.01)

Citation (search report)

- [A] US 5805805 A 19980908 - CIVANLAR SEYHAN [US], et al
- See references of WO 02086712A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**WO 02086712 A1 20021031**; CA 2444066 A1 20021031; CN 1290008 C 20061213; CN 1520550 A 20040811; DE 10296675 T5 20040422; EP 1388057 A1 20040211; EP 1388057 A4 20090701; JP 2005506726 A 20050303

DOCDB simple family (application)

**US 0211827 W 20020416**; CA 2444066 A 20020416; CN 02811128 A 20020416; DE 10296675 T 20020416; EP 02764193 A 20020416; JP 2002584166 A 20020416