

Title (en)

MICROCONTROLLER APPARATUS FOR PROVIDING NETWORK ACCESS TO A HOST SYSTEM

Title (de)

VORRICHTUNG MIT MIKROKONTROLLER UM EINEM HOSTSYSTEM NETZZUGANG ZU VERSCHAFFEN

Title (fr)

DISPOSITIF DE MICROCOMMANDE PERMETTANT A UN SYSTEME HOTE D'ACCEDER A UN RESEAU

Publication

**EP 1151386 A1 20011107 (EN)**

Application

**EP 99939558 A 19990812**

Priority

- HU P9901701 A 19990521
- HU 9900058 W 19990812
- HU P9900103 A 19990114

Abstract (en)

[origin: WO0042516A1] Microcontroller apparatus for providing network access to a host system, comprising: a peripheral interface (8) coupled to the host system; a network interface (7) coupled to a network towards which the access should be provided; a storage means (4, 5) coupled to the network interface (7) for storing data associated with traffic to and from the network; and a control unit (1) operated by microcodes and having a memory, the control unit is coupled to all listed means and it is programmed to provide network access for the host system by checking, processing and in case of host system-to-network communication generating standard network protocols in a single layer structure without using any separate operational system.

IPC 1-7

**G06F 13/12**; H04L 29/06

CPC (source: EP KR)

**G06F 13/128** (2013.01 - EP KR); **H04L 49/90** (2013.01 - EP KR); **H04L 49/9005** (2013.01 - KR); **H04L 67/025** (2013.01 - EP KR); **H04L 67/142** (2013.01 - KR); **H04L 67/565** (2022.05 - KR); **H04L 67/565** (2022.05 - EP); **H04L 67/568** (2022.05 - EP); **H04L 69/12** (2013.01 - EP); **H04L 69/329** (2013.01 - EP)

Citation (search report)

See references of WO 0042516A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**WO 0042516 A1 20000720**; AU 5382399 A 20000801; CN 1333892 A 20020130; EP 1151386 A1 20011107; JP 2002535858 A 20021022; KR 20010101510 A 20011114

DOCDB simple family (application)

**HU 9900058 W 19990812**; AU 5382399 A 19990812; CN 99815615 A 19990812; EP 99939558 A 19990812; JP 2000594024 A 19990812; KR 20017008870 A 20010713