

Title (en)  
SYSTEM AND METHOD FOR TRANSMITTING DATA VIA THE INTERNET BY MEANS OF A TCP/IP CONNECTION AS A SEMAPHORE

Title (de)  
SYSTEM UND VERFAHREN ZUR ÜBERTRAGUNG VON DATEN ÜBER INTERNET MIT TCP/IP-VERBINDUNG ALS SEMAPHORE

Title (fr)  
SYSTEME ET PROCEDE DE TRANSMISSION DE DONNEES PAR INTERNET AVEC COMMUNICATION TCP/IP COMME SEMAPHORE

Publication  
**EP 1247382 A2 20021009 (DE)**

Application  
**EP 00991780 A 20001228**

Priority  
• DE 0004661 W 20001228  
• DE 10000757 A 20000111

Abstract (en)  
[origin: WO0152500A2] The invention relates to a system and a method for transmitting data via the internet between at least one client (1a .. 1n) and at least one server (4) and especially for operating and observing an automation system. The aim of the invention is to provide an internet semaphore that is valuable throughout the entire network. The server (4) is provided with resource means (20) for a connection. The internet semaphore is considered of having been received when a connection is successfully established between a client (1a, 1b .. 1n) and the server (4). It is thus guaranteed that the clients (1a, 1b .. 1n) are synchronised on the server, i.e., at any time, one client (1a, 1b .. 1n) only has, especially writing, access to the server (4).

IPC 1-7  
**H04L 29/06**; G06F 9/46

IPC 8 full level  
**H04L 29/06** (2006.01)

CPC (source: EP US)  
**H04L 9/40** (2022.05 - US); **H04L 69/16** (2013.01 - EP US); **H04L 69/167** (2013.01 - EP US); **H04L 69/168** (2013.01 - EP US);  
**H04L 67/01** (2022.05 - US)

Citation (search report)  
See references of WO 0152500A2

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 0152500 A2 20010719**; **WO 0152500 A3 20020314**; DE 10000757 A1 20010719; EP 1247382 A2 20021009; US 2002194346 A1 20021219

DOCDB simple family (application)  
**DE 0004661 W 20001228**; DE 10000757 A 20000111; EP 00991780 A 20001228; US 16982802 A 20020710