

Title (en)

Method and system for correlating condition reporting messages in a communication network.

Title (de)

Verfahren und Anordnung zur Korrelation von zustandsberichtenden Nachrichten in einem Kommunikationsnetzwerk.

Title (fr)

Méthode et système pour corréler des messages indicateurs d'états dans un réseau de communications.

Publication

**EP 0484261 A2 19920506 (FR)**

Application

**EP 91480151 A 19910926**

Priority

US 60667190 A 19901031

Abstract (en)

Error or condition reporting messages known as "alerts" transmitted to a communication network management facility are correlated by including with each reporting message or alert a unique token having a length field, a key identifier field identifying the nature of the message and a data message field containing a unique n-byte pattern. Incoming reporting messages or alerts received at the communication network management facility are scanned for the existence of a reporting message correlation subvector and, if such a message is found, its token is extracted and compared against a list of previously received tokens to determine whether the reporting message concerns a facility or resource which has already been the subject of a previous report or alert. The inclusion of the length and key identifier fields in addition to the unique n-byte field to make up the token assures that correlation tokens generated under different communication protocols will not contain identical tokens. <IMAGE>

IPC 1-7

**H04L 12/24**

IPC 8 full level

**H04L 12/24** (2006.01); **H04L 29/08** (2006.01); **H04L 29/14** (2006.01); **H04L 69/40** (2022.01)

CPC (source: EP US)

**H04L 41/0631** (2013.01 - EP US)

Cited by

GB2456619A; EP0899663A1; US6038689A

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**EP 0484261 A2 19920506**; **EP 0484261 A3 19920916**; JP 2549220 B2 19961030; JP H07143124 A 19950602; US 5528759 A 19960618

DOCDB simple family (application)

**EP 91480151 A 19910926**; JP 20282591 A 19910813; US 60667190 A 19901031