

Title (en)
ELECTRONIC MESSAGE FILTER HAVING A WHITELIST DATABASE AND A QUARANTINING MECHANISM

Title (de)
ELEKTRONISCHER NACHRICHTENFILTER DER EINE WEISSLISTENDATENBANK UND EINEN QUARANTÄNEMECHANISMUS HAT

Title (fr)
FILTRE A MESSAGES ELECTRONIQUES POURVU D'UNE BASE DE DONNEES DU TYPE LISTE BLANCHE ET D'UN MECANISME DE MISE EN QUARANTAINE

Publication
EP 1234244 A4 20050309 (EN)

Application
EP 00980591 A 20001121

Priority

- US 0031900 W 20001121
- US 44759099 A 19991123
- US 54832200 A 20000412
- US 57384800 A 20000519

Abstract (en)
[origin: WO0138999A1] An Active Filtering proxy (1104) Filters electronic junk mail received at a Message Transfer Agent from remote Internet hosts using the Simple Mail Transfer Protocol (SMTP). The proxy (1104) actively probes remote hosts that attempt to send mail to the protected mail server in order to identify dialup PCs, open relays, and forged email. The system provides multiple layers of defense including: connect-time filtering based on IP address, identification of dialup PCs attempting to send mail, testing for permissive (open) relays, testing for validity of the sender's address and message header filtering. If a message passes through all relevant layers, it is delivered directly to all recipients. A recipient whitelist (1094) permits the user or system administrator to identify particular senders and/or domains as acceptable. If one or more recipients have agreed to receive mail from the sender, the message is delivered to those recipients and rejected or quarantined for the remainder of the recipients.

IPC 1-7
G06F 15/16; H04L 12/58; G06F 17/60

IPC 8 full level
H04L 12/58 (2006.01); **H04L 29/06** (2006.01)

CPC (source: EP)
H04L 51/212 (2022.05); **H04L 63/0227** (2013.01); **H04L 63/145** (2013.01)

Citation (search report)

- [A] WO 9932985 A1 19990701 - ACCEPTED MARKETING INC [US]
- [A] WO 9922317 A2 19990506 - UNIFREE L L C [US]
- [Y] G. LINDBERG: "Anti-Spam Recommendations for SMTP", 28 February 1999, CHALMERS UNIVERSITY OF TECHNOLOGY, XP002298847
- [Y] N.L.DEFOREST: "re: psi.NET AND LOTS OF SPAM", 30 July 1997, XP002298848
- See references of WO 0138999A1

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 0138999 A1 20010531; AU 1783501 A 20010604; AU 782333 B2 20050721; CA 2392397 A1 20010531; EP 1234244 A1 20020828; EP 1234244 A4 20050309

DOCDB simple family (application)
US 0031900 W 20001121; AU 1783501 A 20001121; CA 2392397 A 20001121; EP 00980591 A 20001121