

Title (en)  
Communications network

Title (de)  
Kommunikationsnetzwerk

Title (fr)  
Réseau de communications

Publication  
**EP 0977163 A2 20000202 (EN)**

Application  
**EP 99305625 A 19990715**

Priority  
• GB 9816178 A 19980725  
• US 22904699 A 19990112

Abstract (en)  
A communications network (10) comprises a plurality of network sites (12), to each of which a service terminal (16,18), a maintenance terminal (20), or a server (22) may be connected. Each service terminal (16,18), which may be an ATM or a point-of-sale terminal, has at least one service element (44), such as a card transport or currency bin, that is to be maintained in operation. Intelligent agent programs (50) move between terminals (16,18,20) collecting information from or imparting information to each terminal (16,18,20) visited. The information that is collected or imparted is used for facilitating efficient maintenance of the service terminals (16,18). <IMAGE>

IPC 1-7  
**G07F 7/10**; **G07F 19/00**

IPC 8 full level  
**G06Q 40/00** (2006.01); **G07D 9/00** (2006.01); **G07F 5/18** (2006.01); **G07F 19/00** (2006.01)

CPC (source: EP US)  
**G07F 5/18** (2013.01 - EP); **G07F 9/001** (2020.05 - EP US); **G07F 9/002** (2020.05 - EP); **G07F 19/20** (2013.01 - EP); **G07F 19/207** (2013.01 - EP)

Cited by  
GB2368442A; EP2124204A3; EP1754188A4; EP1577856A1; GB2381111A; GB2381111B; CN101471962A; EP2073159A3; US2020402157A1; US7451919B2; WO2005116900A1; US7522880B2; US10607454B2; WO0247043A3; WO0247039A3; US6959187B2; US7522916B2

Designated contracting state (EPC)  
DE ES FR GB IT

DOCDB simple family (publication)  
**EP 0977163 A2 20000202**; **EP 0977163 A3 20040428**; BR 9902989 A 20000822; JP 2000067146 A 20000303

DOCDB simple family (application)  
**EP 99305625 A 19990715**; BR 9902989 A 19990721; JP 20961499 A 19990723