

Title (en)
SYSTEM AND METHODS FOR HIGHLY DISTRIBUTED WIDE-AREA DATA MANAGEMENT OF A NETWORK OF DATA SOURCES THROUGH A DATABASE INTERFACE

Title (de)
SYSTEM UND METHODE ZUM VERWALTEN VON IN EINEM NETZWERK VON DATENQUELLEN SEHR WEIT VERTEILTEN DATEN DURCH EINE DATENBANKSCHNITTSTELLE

Title (fr)
SYSTEME ET PROCEDES DE GESTION DE DONNEES LONGUE PORTEE A FORTE REPARTITION DANS UN RESEAU DE SOURCES DE DONNEES VIA UNE INTERFACE DE BASE DE DONNEES

Publication
EP 1250653 A2 20021023 (EN)

Application
EP 00980866 A 20001130

Priority
• US 0032515 W 20001130
• US 16842599 P 19991130
• US 72670200 A 20001128

Abstract (en)
[origin: WO0140973A2] Methods and a system that provide a network of data sources in terms of a traditional database schema, convert traditional database queries into network messages, and route those messages to those data sources which have relevant data. In the present invention, the network interface of the data source accepts the message, filters the data source's output according to the instructions in the message, and then sends reply messages to the originator of the query. The system then collects these reply messages at the query originator and produces query results as a traditional database result.

IPC 1-7
G06F 17/00

IPC 8 full level
G06F 17/30 (2006.01); **G06F 12/00** (2006.01); **H04L 12/56** (2006.01); **H04L 29/08** (2006.01)

CPC (source: EP)
G06F 16/2471 (2018.12); **H04L 67/63** (2022.05); **H04L 67/51** (2022.05)

Citation (search report)
See references of WO 0140973A2

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 0140973 A2 20010607; **WO 0140973 A3 20020822**; AU 1807301 A 20010612; AU 781476 B2 20050526; CA 2392826 A1 20010607; EP 1250653 A2 20021023; IL 149915 A0 20021110; JP 2004500631 A 20040108

DOCDB simple family (application)
US 0032515 W 20001130; AU 1807301 A 20001130; CA 2392826 A 20001130; EP 00980866 A 20001130; IL 14991500 A 20001130; JP 2001541964 A 20001130