

Title (en)
DYNAMIC SYNCHRONOUS COLLABORATION FRAMEWORK FOR MOBILE AGENTS

Title (de)
DYNAMISCHER, SYNCHRONER ZUSAMMENARBEITUNGSRAHMEN FÜR MOBILE AGENTEN

Title (fr)
CADRE DE COLLABORATION SYNCHRONE, DYNAMIQUE POUR AGENTS MOBILES

Publication
EP 0938798 A4 20030212 (EN)

Application
EP 97946570 A 19971112

Priority
• US 9720278 W 19971112
• US 3090696 P 19961114

Abstract (en)
[origin: WO9821863A1] A dynamic synchronous collaboration framework utilizes a distributed synchronized point to permit synchronous collaboration of mobile agent objects (28, 30, 32) in a distributed computer system. The framework simplifies agent collaboration for applications which divide a complex problem into multiple tasks and delegate tasks to multiple mobile agents. The collaboration framework also enables mobile agents (28, 30, 32) within an application to perform synchronous collaboration with affiliated agents in the native language of an associated software application. Such collaboration is accomplished by joining collaborating agents to an agent group (26). Member agents periodically correlate results through a collaborative sharing within the agent group, and may adopt new behaviors based on the results of the collaboration.

IPC 1-7
H04L 29/14; **G06F 9/46**; **H04L 29/06**

IPC 8 full level
G06F 15/16 (2006.01); **G06F 9/44** (2006.01); **G06F 9/46** (2006.01); **G06F 9/50** (2006.01); **G06F 13/00** (2006.01); **G06N 5/04** (2006.01); **H04L 29/08** (2006.01)

CPC (source: EP)
G06F 9/465 (2013.01); **G06F 9/4862** (2013.01); **G06F 9/52** (2013.01); **H04L 67/10** (2013.01)

Citation (search report)
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• [A] GIRISH WELLING ET AL: "AN ARCHITECTURE OF A THREADED MANY-TO-MANY REMOTE PROCEDURE CALL", PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON DISTRIBUTED COMPUTING SYSTEMS,US,LOS ALAMITOS, IEEE COMP. SOC. PRESS, vol. CONF. 12, pages 504-511, XP000341046, ISBN: 0-8186-2865-0
• [A] GENTLEMAN W M ET AL: "ADMINISTRATORS AND MULTIPROCESSOR RENDEZVOUS MECHANISMS", SOFTWARE PRACTICE & EXPERIENCE,GB,JOHN WILEY & SONS LTD. CHICHESTER, vol. 22, no. 1, pages 1-39, XP000329395, ISSN: 0038-0644
• See references of WO 9821863A1

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 9821863 A1 19980522; AU 5171798 A 19980603; AU 5430498 A 19980603; EP 0938798 A1 19990901; EP 0938798 A4 20030212; EP 1021766 A1 20000726; EP 1021766 A4 20030312; JP 2001502093 A 20010213; JP 2001504609 A 20010403; WO 9821662 A1 19980522

DOCDB simple family (application)
US 9720278 W 19971112; AU 5171798 A 19971112; AU 5430498 A 19971112; EP 97946570 A 19971112; EP 97948189 A 19971112; JP 52266498 A 19971112; JP 52268298 A 19971112; US 9720232 W 19971112