

Title (en)
METHOD FOR AUTOMATICALLY OBTAINING AN OPERATIONAL SEQUENCE OF PROCESSES AND A CORRESPONDING TOOL THEREFOR

Title (de)
VERFAHREN ZUM AUTOMATISCHEN GEWINNEN EINER FUNKTIONSFÄHIGEN REIHENFOLGE VON PROZESSEN UND WERKZEUG
HIERZU

Title (fr)
PROCEDE PERMETTANT DE PRODUIRE AUTOMATIQUEMENT UNE SEQUENCE FONCTIONNELLE DE PROCESSUS, ET VEHICULE
CORRESPONDANT

Publication
EP 1402362 A2 20040331 (DE)

Application
EP 01960118 A 20010712

Priority

- DE 0102612 W 20010712
- DE 10034869 A 20000718

Abstract (en)
[origin: WO0206950A2] In order to automatically calculate an operational sequence of processes that determine an output value from at least one input value, a multitude of processes (P1 - P8), whose inputs are provided with at least one of the attributes: input value of the same calculation cycle (PRE), input value of the preceding calculation cycle (POST), input value from any calculation cycle (ANY), are arranged in such a manner that a process, which does not have any input with the attribute input value of the same calculation cycle (PRE), is determined as the first process of a calculation cycle and, in successive analogous steps, determines a quantity of possible sequences.

IPC 1-7
G06F 9/46; **G06F 15/78**; **G06F 9/44**; **G06F 9/45**; **G06F 9/48**; **G06F 17/50**

IPC 8 full level
G06F 9/44 (2006.01); **G05B 19/04** (2006.01); **G05B 19/042** (2006.01); **G06F 9/00** (2006.01); **G06F 9/45** (2006.01); **G06F 9/46** (2006.01); **G06F 9/48** (2006.01); **G06F 15/78** (2006.01); **G06F 17/50** (2006.01)

CPC (source: EP US)
G05B 19/0426 (2013.01 - EP US); **G05B 2219/23293** (2013.01 - EP US)

Citation (search report)
See references of WO 0206950A2

Citation (examination)

- MARK ALLEN WEISS: "Data structures & Algorithms in C++", February 1999, ADDISON WESLEY LONGMAN
- ANTONIO DIAZ-CALDERON: "A Composable Simulation Environment to Support the Design of Mechatronic Systems", CARNEGIE MELLON UNIVERSITY, June 2000 (2000-06-01), Pittsburgh, Pennsylvania, pages 1 - 226, Retrieved from the Internet <URL:http://www.cs.cmu.edu/~compsim/articles/adiaz-thesis.pdf> [retrieved on 20090618]

Designated contracting state (EPC)
FR GB

DOCDB simple family (publication)
WO 0206950 A2 20020124; **WO 0206950 A3 20031231**; DE 10034869 A1 20020207; EP 1402362 A2 20040331; JP 2004521402 A 20040715; US 2004205756 A1 20041014; US 7231261 B2 20070612

DOCDB simple family (application)
DE 0102612 W 20010712; DE 10034869 A 20000718; EP 01960118 A 20010712; JP 2002512797 A 20010712; US 34562703 A 20030116