

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

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Application
EP 01960118 A 20010712

Priority
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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.

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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]

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