

Title (en)

METHOD AND DEVICE FOR AUTOMATICALLY GENERATING SIMULATION PROGRAMS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR AUTOMATISCHEN ERSTELLUNG VON SIMULATIONSPROGRAMMEN

Title (fr)

PROCEDE ET DISPOSITIF D'ELABORATION AUTOMATIQUE DE PROGRAMMES DE SIMULATION

Publication

EP 1374037 A2 20040102 (DE)

Application

EP 02724115 A 20020320

Priority

- DE 0201014 W 20020320
- DE 10115694 A 20010329
- DE 10147740 A 20010927

Abstract (en)

[origin: WO02079974A2] In order to automatically generate simulation programs, basic program operations of a real program are made available in the recipe management. Furthermore, process parameters of the real process are made available in the sequence logic (SFC). The basic program operations are automatically linked to the process parameters in order to simulate the method, whereby a simulation model is generated that is initialized according to the real process. Method simulation is advantageously controlled simultaneously by the process control system of the real process. Parallel running of the real process with the simulation process enables effective monitoring and improved maintenance management.

IPC 1-7

G06F 9/40

IPC 8 full level

G05B 17/02 (2006.01); **G05B 19/418** (2006.01); **G06F 9/40** (2006.01); **G06G 7/48** (2006.01)

CPC (source: EP US)

G06F 8/34 (2013.01 - EP US)

Citation (search report)

See references of WO 02079974A2

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 02079974 A2 20021010; WO 02079974 A3 20030925; EP 1374037 A2 20040102; US 2004059553 A1 20040325

DOCDB simple family (application)

DE 0201014 W 20020320; EP 02724115 A 20020320; US 67096503 A 20030925