

Title (en)

ENHANCEMENTS TO OBJECT-ORIENTED ELECTRONIC CIRCUIT DESIGN MODELING AND SIMULATION ENVIRONMENT

Title (de)

VERBESSERUNG DER MODELLIERUNG EINES OBJEKTORIENTIERTEN ELEKTRONISCHEN SCHALTUNGSENTWURFS UND SIMULATIONSUMGEBUNG

Title (fr)

AMELIORATIONS APORTEES A UN ENVIRONNEMENT DE MODELISATION ET DE SIMULATION DE CONCEPTIONS D'UN CIRCUIT ELECTRONIQUE ORIENTE OBJET

Publication

**EP 1290588 A2 20030312 (EN)**

Application

**EP 01920629 A 20010322**

Priority

- US 0109106 W 20010322
- US 57750900 A 20000524

Abstract (en)

[origin: WO0190961A2] An apparatus, program product and method enhance the modeling and stimulation of electronic circuit designs on computers, particularly in the area of object-oriented modeling and simulation. Multiplexed communication ports (130) may be supported that support the propagation of values for multiple signals in response to single events directed to such ports (130), thus logically combining multiple signal paths together into a single logical path. Dynamic instruction decoder generation (160) may also be supported, such that an instruction definition that defines an instruction capable of being executed by a processing system model may be utilized in the configuration of an instruction decoder circuit component (150') for the processing system model to stimulate execution of the instruction.

IPC 1-7

**G06F 17/50**

IPC 8 full level

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