Title (en)

SYSTEM FOR THE COMPUTER-AIDED DESIGN OF TECHNICAL DEVICES

Title (de)

SYSTEM FÜR DEN MASCHINENGESTÜTZTEN ENTWURF TECHNISCHER VORRICHTUNGEN

Title (fr)

SYSTEME D'EBAUCHAGE DE DISPOSITIFS TECHNIQUES, ASSISTE PAR ORDINATEUR

Publication

EP 1917611 A2 20080507 (DE)

Application

EP 06778219 A 20060810

Priority

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- DE 102005039646 A 20050818
- DE 102005055133 A 20051116

Abstract (en)

[origin: WO2007020231A2] The invention relates to a device and to a computer software product for the conception, the preliminary design and the configuration of a machine object that is represented by an object data model. Component objects are stored in an object database, a component element containing at least a parameter object. The database also contains functional objects. The modeling approach implement by the inventive separation of component objects and functional objects enables a differentiation between boundary conditions within a component object and boundary conditions existing between component objects. The first are included by the component objects themselves, and the last are included by the functional elements. This encapsulation is advantageous in that the modeling process can be, in essence, clearly formed. In addition, the encapsulation enables the reuse of the component objects in different systems.

IPC 8 full level

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CPC (source: EP US)

G06F 30/17 (2020.01 - EP US); G06F 2111/04 (2020.01 - EP US)

Citation (search report)

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