Title (en)
METHOD FOR THE COMPUTER-ASSISTED DESIGN OF A MECHANICAL ASSEMBLY

Title (de)
VERFAHREN FÜR COMPUTERUNTERSTÜTZTEN ENTWURF EINER MECHANISCHEN ANORDNUNG

Title (fr)
PROCEDE DE CONCEPTION ASSISTEE PAR ORDINATEUR D'UN ENSEMBLE MECANIQU E

Publication
EP 2100243 A1 20090916 (FR)

Application
EP 07870379 A 20071019

Priority
• FR 2007052207 W 20071019
• FR 0654609 A 20061027

Abstract (en)
[origin: FR2907938A1] The method involves graphical modeling a three dimensional mechanical assembly controllable by elementary solids, where each solid includes a user controlled geometric construction and represents a part of piece e.g. torsion-vibration damping pulley. The parts of the piece are immobile with respect to each other. The geometric constructions are generic for mechanical assemblies, which are distinct between each other and satisfy the same function. The solids and the modeling are stored in distinct files and connected between each other, so that the modeling remains controllable by the solids.

IPC 1-7
B60R 27/00

IPC 8 full level
G06F 17/50 (2006.01); **B60R 99/00** (2009.01); **G06T 17/00** (2006.01)

CPC (source: EP US)
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Citation (search report)
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FR 0654609 A 20061027; BR PI0715038 A 20071019; CN 200780040042 A 20071019; EP 07870379 A 20071019; FR 2007052207 W 20071019; JP 2009533911 A 20071019; US 44743607 A 20071019