

Title (en)

METHOD AND DEVICE FOR DETERMINING DEFORMATIONS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR ERMITTLUNG VON DEFORMATIONEN EINES KÖRPERS

Title (fr)

PROCEDE ET DISPOSITIF PERMETTANT DE DETERMINER DES DEFORMATIONS

Publication

EP 1490804 A1 20041229 (DE)

Application

EP 03720237 A 20030326

Priority

- DE 0301002 W 20030326
- DE 10213728 A 20020326

Abstract (en)

[origin: US2005235756A1] A method for determining deformations of a body by which the effect of forces on the body is analyzed, including determining the way an equilibrium of forces between internal and external forces for a whole body or a part of it dependent on the material properties and the external boundary conditions comes about, by determining the deformations such that all acting forces are represented by the formula $f_{\text{ext}} + m_{\text{syst}} + m_{\text{A}}$ $f_{\text{s(ext)}} + m_{\text{s(syst)}} = 0$. $f_{\text{ext}} + m_{\text{syst}} + m_{\text{A}}$

IPC 1-7

G06F 17/50; **G01B 21/32**

IPC 8 full level

G06F 17/50 (2006.01)

CPC (source: EP US)

G06F 30/23 (2020.01 - EP US); **G06F 2111/10** (2020.01 - EP US)

Citation (examination)

DATABASE INSPEC [online] THE INSTITUTION OF ELECTRICAL ENGINEERS, STEVENAGE, GB; December 2001 (2001-12-01), KOENEMANN F H: "Unorthodox thoughts about deformation, elasticity, and stress", Database accession no. 7214602

Designated contracting state (EPC)

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DOCDB simple family (publication)

WO 03081484 A2 20031002; AU 2003223897 A1 20031008; DE 10213728 A1 20031009; EP 1490804 A1 20041229; US 2005235756 A1 20051027; US 7398696 B2 20080715

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