Title (en)
METHOD FOR EVALUATING THE SOLUTION TO A MULTICRITERIA OPTIMIZATION PROBLEM

Title (de)
VERFAHREN ZUR AUSWERTUNG DER LÖSUNG EINES MULTIKRITERIELLEN OPTIMIERUNGSPROBLEMS

Title (fr)
PROCÉDÉ PERMETTANT D'ÉVALUER LA SOLUTION D'UN PROBLÈME D'OPTIMISATION À PLUSIEURS CRITÈRES

Publication
EP 2791827 A2 20141022 (DE)

Application
EP 12795756 A 20121108

Priority
• AT 18202011 A 20111212
• EP 2012072165 W 20121108

Abstract (en)
[origin: WO2013087307A2] Solving a multidimensional multicriteria optimization problem is difficult because the correlations and dependencies between solutions, target functions and variation variables can be detected only with difficulty. In order to facilitate this, it is proposed that a model space (1) and a variation space (2) be displayed simultaneously and in interactively linked fashion.

IPC 8 full level
G06F 17/11 (2006.01); **F02D 41/14** (2006.01); **G05B 13/02** (2006.01); **G06F 17/50** (2006.01)

CPC (source: EP US)
F02D 41/1406 (2013.01 - EP US); **G05B 13/024** (2013.01 - EP US); **G05B 13/0265** (2013.01 - EP US); **G06F 17/11** (2013.01 - EP US); **G06T 11/206** (2013.01 - EP US); G06F 30/15 (2020.01 - EP US); G06F 2111/06 (2020.01 - EP US)

Citation (search report)
See references of WO 2013087307A2

Citation (examination)
• T. KRUSE ET AL: "Modern Statistical Modeling and Evolutionary Optimization Methods for the Broad Use in ECU Calibration", PROCEEDINGS OF THE 17TH WORLD CONGRESS THE INTERNATIONAL FEDERATION OF AUTOMATIC CONTROL; SEOUL, KOREA; JULY 6-11, 2008., vol. 43, 12 July 2010 (2010-07-12), Red Hook, NY, pages 739 - 743, XP055464923, ISSN: 1474-6670, ISBN: 978-1-123-47890-7, DOI: 10.3182/20100712-3-DE-2013.00031
• KOLLAT ET AL: "A framework for Visually Interactive Decision-making and Design using Evolutionary Multi-objective Optimization (VIDEO)", ENVIRONMENTAL MODELLING & SOFTWARE, ELSEVIER, AMSTERDAM, NL, vol. 22, no. 12, 8 August 2007 (2007-08-08), pages 1691 - 1704, XP022191725, ISSN: 1364-8152, DOI: 10.1016/J.ENVSOFT.2007.02.001

Cited by
EP4235319A1; DE102022104648A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
AT 510328 A2 20120315; EP 2791827 A2 20141022; JP 2014533387 A 20141211; JP 5940667 B2 20160629; US 2014344320 A1 20141120; US 9760532 B2 20170912; WO 2013087307 A2 20130620; WO 2013087307 A3 20130906

DOCDB simple family (application)
AT 18202011 A 20111212; EP 12795756 A 20121108; EP 2012072165 W 20121108; JP 2014527706 A 20121108; US 201214364514 A 20121108