

Title (en)

DATA STRUCTURE FOR SPECIFICATIONS

Title (de)

DATENSTRUKTUR FÜR SPEZIFIKATIONEN

Title (fr)

STRUCTURE DE DONNEES D'UNE NOMENCLATURE

Publication

EP 2427839 A1 20120314 (FR)

Application

EP 10727079 A 20100503

Priority

- FR 2010050833 W 20100503
- FR 0952941 A 20090504

Abstract (en)

[origin: WO2010128236A1] The invention relates to a data structure (100) for the specifications of a mechanical device (10), said specifications including at least one assembly E including at least one element selected from a component (12, 14) or a set of components, said structure being characterized in that it includes: an identifier for the assembly (102); an identifier for the element (104, 106); at least one link (P1, P2, Q1, Q2) between the element identifier and at least one CAO file (204N, 204T, 206N, 206T) containing the geometric representation of the element; at least one link (R1, R2) between the assembly identifier and at least one data file (E1, E2) containing a space positioning matrix (M, M2) for said at least one element as well as at least one pointer (PT1, PT2, QT1, QT2) to said CAO file containing the geometric representation of the member of the assembly; and a space positioning vector (V1, V2) of said element in the assembly.

IPC 8 full level

G06F 17/50 (2006.01)

CPC (source: EP KR US)

G06F 30/00 (2020.01 - KR); **G06F 30/17** (2020.01 - EP US)

Citation (search report)

See references of WO 2010128236A1

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 SE SI SK SM TR

DOCDB simple family (publication)

FR 2945136 A1 20101105; CA 2760793 A1 20101111; CN 102422289 A 20120418; CN 102422289 B 20141015; EP 2427839 A1 20120314; JP 2012526316 A 20121025; JP 5655062 B2 20150114; KR 101684716 B1 20161208; KR 20120037370 A 20120419; RU 2011149310 A 20130610; RU 2552155 C2 20150610; US 2012041723 A1 20120216; US 9092592 B2 20150728; WO 2010128236 A1 20101111

DOCDB simple family (application)

FR 0952941 A 20090504; CA 2760793 A 20100503; CN 201080020040 A 20100503; EP 10727079 A 20100503; FR 2010050833 W 20100503; JP 2012509074 A 20100503; KR 20117025768 A 20100503; RU 2011149310 A 20100503; US 201013265604 A 20100503