

Title (en)

SPECIFICATION METHOD FOR PRODUCING DATA PROCESSING SYSTEMS

Title (de)

SPEZIFIKATIONS-VERFAHREN ZUR ERZEUGUNG VON DATENVERARBEITUNGSSYSTEMEN

Title (fr)

PROCÉDÉ DE SPÉCIFICATION POUR PRODUIRE DES SYSTÈMES DE TRAITEMENT DE DONNÉES

Publication

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Application

EP 10775692 A 20100803

Priority

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- DE 2010000918 W 20100803

Abstract (en)

[origin: WO2011015191A2] The invention relates to a specification method (SPV) for producing software systems or hardware systems, comprising a method of designing from component/objects, which can comprise any number of elements/methods, wherein the data processing sequence is formed by a sequential arrangement of data processing steps, software systems or hardware systems are produced by the specification method (SPV) without subsequent software programming, data processing sequences in software systems are controlled directly by means of compilers and/or interpreters on machine/computer platforms or microprocessor configurations, and hardware systems are realized directly by means of compilers, including the data processing sequence controller, in hardware configurations (FPGAs, ASICs).

IPC 8 full level

G06F 17/50 (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2011015191A2

Citation (examination)

ZHONGHAI LU ET AL: "A case study of hardware and software synthesis in ForSyDe", 15TH. INTERNATIONAL SYMPOSIUM ON SYSTEM SYNTHESIS. ISSS. KYOTO, JAPAN, OCT. 2 - 4, 2002; [INTERNATIONAL SYMPOSIUM ON SYSTEM SYNTHESIS. ISSS], NEW YORK, NY : ACM, US, 2 October 2002 (2002-10-02), pages 86 - 91, XP010655193, ISBN: 978-1-58113-576-3, DOI: 10.1109/ISSS.2002.1227157

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