

Title (en)

METHOD AND DEVICE FOR ASSISTING WITH CODE OPTIMISATION AND PARALLELISATION

Title (de)

VERFAHREN UND VORRICHTUNG ZUR UNTERSTÜTZUNG MIT CODE-OPTIMIERUNG UND -PARALLELISIERUNG

Title (fr)

PROCEDE ET DISPOSITIF D'AIDE A L'OPTIMISATION ET LA PARALLELISATION DE CODE

Publication

EP 3120243 A1 20170125 (FR)

Application

EP 15709476 A 20150311

Priority

- FR 1452304 A 20140320
- EP 2015055040 W 20150311

Abstract (en)

[origin: WO2015140021A1] The invention relates to a method and a device for assisting with the code optimisation and parallelisation of an application. The method is performed on a computer and involves comparing a portion of code representing a hot spot of an application with a plurality of non-optimised versions of code in order to determine a correlation with at least one non-optimised version of code. On the basis of the non-optimised version of code, the method then allows performance predictions to be generated for different architectures and according to different parallel programming models for said hot point.

IPC 8 full level

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CPC (source: EP US)

G06F 8/443 (2013.01 - US); **G06F 8/456** (2013.01 - EP US); **G06F 8/71** (2013.01 - US); **G06F 11/3428** (2013.01 - EP US); **G06F 16/285** (2018.12 - EP US); **G06F 2201/83** (2013.01 - EP US)

Citation (search report)

See references of WO 2015140021A1

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