

Title (en)  
INTERRUPT HANDLING

Title (de)  
INTERRUPT-ABWICKLUNG

Title (fr)  
TRAITEMENT D'INTERRUPTION

Publication  
**EP 2206039 A1 20100714 (EN)**

Application  
**EP 08762371 A 20080616**

Priority

- GB 2008002044 W 20080616
- GB 0712493 A 20070627

Abstract (en)  
[origin: GB2450516A] A method of servicing interrupts in a computing device having multiple interrupt controllers for receiving interrupt events. An application programming interface (API) includes a first function that is operable to interact with interrupts on two or more of the interrupt controllers. When the first function is invoked for interacting with an interrupt event on a specific one of the interrupt controllers, the first function invokes a second function where the second function can only interact with interrupt events on that specific one of the interrupt controllers. The interrupt controllers may be arranged in a tree, and the second function can invoke a third function on a further interrupt controller. The API may include a fourth function that simulates interaction with a dummy interrupt, such that when the first function is invoked for interacting with a dummy event, it invokes the fourth function.

IPC 8 full level  
**G06F 9/48** (2006.01)

CPC (source: EP GB)  
**G06F 9/4812** (2013.01 - EP GB)

Citation (search report)  
See references of WO 2009001030A1

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

Designated extension state (EPC)  
AL BA MK RS

DOCDB simple family (publication)  
**GB 0712493 D0 20070808; GB 2450516 A 20081231**; CN 101711384 A 20100519; EP 2206039 A1 20100714; JP 2010531508 A 20100924; WO 2009001030 A1 20081231

DOCDB simple family (application)  
**GB 0712493 A 20070627**; CN 200880021903 A 20080616; EP 08762371 A 20080616; GB 2008002044 W 20080616; JP 2010514093 A 20080616