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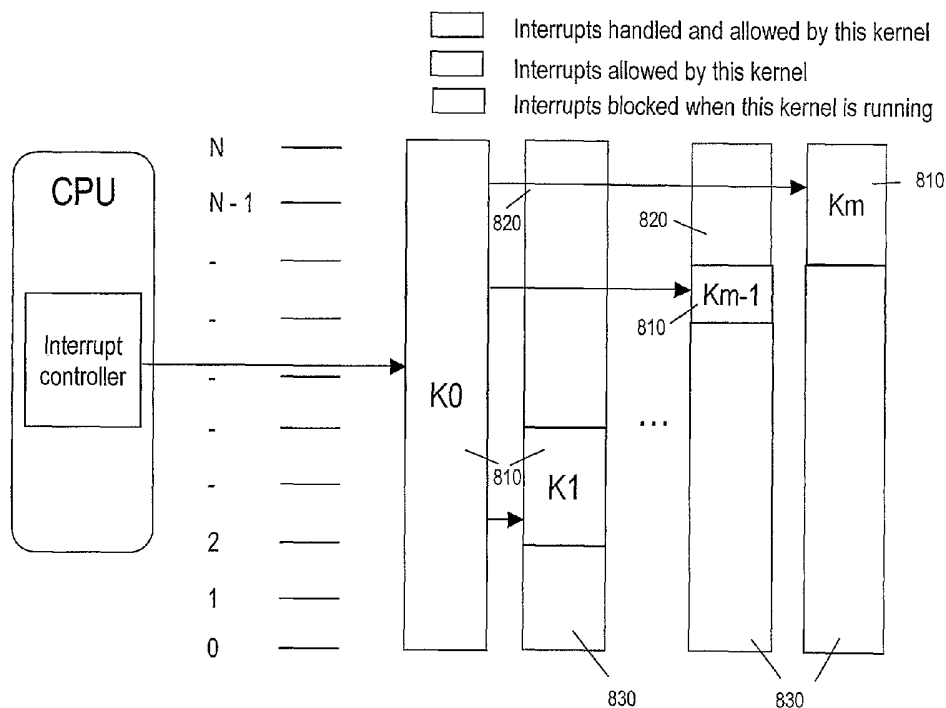
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(54) Title: METHOD AND SYSTEM FOR CONCURRENT EXECUTION OF MULTIPLE KERNELS



(57) Abstract: An approach for concurrently running multiple kernels using a common interrupt handler and an optional common scheduler is provided. Techniques are also provided to switch execution among the kernels. Execution and interrupt preemption among kernels is shown using interrupt mask levels. Techniques are also provided for the sharing of resources between tasks running on different kernels.



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## INTERNATIONAL SEARCH REPORT

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<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6,631,394 B1 (RONKKA et al) 07 October 2003 (07.10.2003), all.	1-19, 24-29 ----- 20-23, 30-33
Y	US 5,903,752 A (DINGWALL et al) 11 May 1999 (11.05.1999), all	1-19, 24-29 ----- 20-23, 30-33
Y, P	US 6,772,419 B1 (SEKIGUCHI et al) 03 August 2004 (03.08.2004), all.	1-33
A,E	US 2005/0149933 A1 (SAITO et al) 07 July 2005 (07.07.2005), all.	1-33
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