

Title (en)

Methods and apparatus for accelerating windows in graphics systems

Title (de)

Verfahren und Einrichtung zur Beschleunigung von Bildfenstern in graphischen Systemen

Title (fr)

Méthode et dispositif pour l'accélération de fenêtres dans de systèmes graphiques

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Application

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Abstract (en)

[origin: EP0410783A2] Graphics window systems which utilize graphics pipelines and graphics pipeline bypass buses. Hardware solutions for window relative rendering of graphics primitives, block moving of graphics primitives, transfer of large data blocks, and elimination of pipeline flushing are disclosed. The hardware implementations provided in accordance with the invention are interfaced along the pipeline bypass bus, thereby eliminating gross overhead processor time for the graphics pipeline and reducing pipeline latency. Methods and apparatus provided in accordance with the invention exhibit significant pipeline efficiency and reductions in time to render graphics primitives to the screen system.

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