

Title (en)
TILED VIEWPORT COMPOSITION

Title (de)
TILED-VIEWPORT-ANORDNUNG

Title (fr)
COMPOSITION DE FENETRE D'AFFICHAGE A CARREAUX

Publication
EP 3098807 B1 20180117 (EN)

Application
EP 16179806 A 20120608

Priority
• EP 16179806 A 20120608
• EP 12171363 A 20120608

Abstract (en)
[origin: EP2672480A1] A system that buffers an application image reduces bandwidth requirements for accessing memory. The application image is logically separated into tiles. A viewport identifies a visible portion of the application image, where the visible portion is smaller than the application image. The tiles overlapped by the viewport are buffered in a front buffer and a back buffer. The tiles not overlapped by the viewport are buffered in the back buffer but not in the front buffer. A composition manager, with knowledge of the viewport and at least two noncontiguous tile buffers in the front buffer, extracts the visible portion of the application image directly from the noncontiguous tile buffers.

IPC 8 full level
G09G 5/393 (2006.01); **G09G 5/395** (2006.01); **G09G 5/399** (2006.01)

CPC (source: EP)
G09G 5/393 (2013.01); **G09G 5/395** (2013.01); **G09G 5/399** (2013.01)

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