

Title (en)  
IMAGE STITCHING IN A MULTI-CAMERA ARRAY

Title (de)  
ANEINANDERHEFTEN VON BILDERN IN EINER ANORDNUNG AUS MEHREREN KAMERAS

Title (fr)  
ASSEMBLAGE D'IMAGES DANS UN RÉSEAU MULTI-CAMÉRA

Publication  
**EP 3317816 A1 20180509 (EN)**

Application  
**EP 16818386 A 20160505**

Priority  

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- US 2016031076 W 20160505

Abstract (en)  
[origin: WO2017003557A1] Images captured by multi-camera arrays with overlap regions can be stitched together using image stitching operations. An image stitching operation can be selected for use in stitching images based on a number of factors. An image stitching operation can be selected based on a view window location of a user viewing the images to be stitched together. An image stitching operation can also be selected based on a type, priority, or depth of image features located within an overlap region. Finally, an image stitching operation can be selected based on a likelihood that a particular image stitching operation will produce visible artifacts. Once a stitching operation is selected, the images corresponding to the overlap region can be stitched using the stitching operation, and the stitched image can be stored for subsequent access.

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