

Title (en)  
METHOD AND DEVICE FOR REDUCING MOTION BLUR ON DISPLAYS

Title (de)  
VERFAHREN UND VORRICHTUNG ZUR REDUZIERUNG DER BEWEGUNGSUNSCHÄRFE AUF ANZEIGEN

Title (fr)  
PROCÉDÉ ET DISPOSITIF POUR RÉDUIRE LE FLOU DE MOUVEMENT SUR DES DISPOSITIFS D’AFFICHAGE

Publication  
**EP 4104164 A1 20221221 (EN)**

Application  
**EP 21703485 A 20210210**

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Abstract (en)  
[origin: WO2021160703A1] The present invention concerns a method and a device for reducing motion blur when presenting media data on a physical display such as an LED display, comprising: sending a first sequence of images (/.) from a computer device (11) to a display (16) at a frame rate  $f$ , displaying each image (/.) of said first sequence of images for a time interval  $\Delta T1$  corresponding to a fraction of the frame time interval  $1/f$  ( $\Delta T1 = p \cdot 1/f$ ), where  $p$  less than 0.5, and after displaying each image (/.), presenting a neutral insert (N) on said display for a time interval  $\Delta T2$  corresponding to the remainder of the frame time interval ( $\Delta T2 = (1 - p) \cdot 1/f$ ).

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