Title (en)
METHOD FOR OPERATING A BI-DIRECTIONAL DISPLAY

Title (de)
VERFAHREN ZUM BETREIBEN EINES BIDIREKTIONALEN DISPLAYS

Title (fr)
PROCÉDÉ DE FONCTIONNEMENT D'UN DISPOSITIF D'AFFICHAGE BIDIRECTIONNEL

Publication
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Application
EP 15770480 A 20150915

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Abstract (en)
[origin: WO2016041978A1] The invention relates to a method for operating a bi-directional display, comprising a substrate, on which a display array comprising a plurality of light-generating image elements and a sensor array comprising a plurality of light-detecting elements are formed, wherein at least one light-generating image element is associated with each light-detecting element and wherein each light-detecting element has at least one photo-detector (PD), a reset switch (T1), a transfer switch (T2), a memory (T3) and a selection switch (T4). The illumination phase of a light-detecting element is subdivided between two consecutive reading phases of the light-detecting element into at least two illumination partial phases which are temporally spaced apart from each other and activates the at least one light-generating image element associated with the light-detecting element at least temporarily between the two illumination partial phases.

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See references of WO 2016041978A1

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