

ABSTRACT**AUTOSTEREOSCOPIC P-POINT-OF-VIEW DISPLAY SCREEN FOR
DISPLAYING AN AUTOSTEREOSCOPIC I-POINT-OF-VIEW IMAGE
AND DISPLAY DEVICE COMPRISING SUCH A SCREEN**

5

The invention relates to a display screen with P screen points-of-view, P being an integer greater than or equal to 6, intended to display an autostereoscopic image at I image points-of-view, I being an integer greater than or equal to 2, less than or equal to $P/3$, said screen comprising: a matrix (10) of pixels arranged by rows and by columns; an optical array configured so that the P points-of-view of the screen can be perceived successively in lobes, each covering I times the average inter-pupillary distance of an observer (8), and so that the screen points-of-view of each pair of points-of-view visible to the observer are separated by at least T buffer points-of-view, T being greater than or equal to 2, so that it is possible to display successively for each lobe, each of the I image points-of-view, each repeated P/I times, and that each point-of-view visible to the observer can be surrounded by at least 2 buffer points-of-view each displaying this same image point-of-view.

20

Figure for the abstract: Figure 2