

ABSTRACT**A HEAD-UP DISPLAY SYSTEM FOR A VEHICLE**

A head-up display system for a vehicle comprising: a display screen; a
5 processor configured to receive display data from one or more input devices; an
image projection unit configured to receive the display data from the processor,
and to project one or more corresponding images on the display screen; a
combiner configured to partially reflect and partially transmit the one or more
images from the display screen, wherein the combiner comprises an aspherical
10 surface profile for generating a wide-angle of view.

[Figure to print with abstract: FIG. 2]