Claims

1. A projection display comprising

an imaging system that is implemented to generate individual images in a distribution of sub-areas of an imaging plane of the imaging system; and

a multi-channel optics that is configured to map one allocated sub-area of the imaging system each per channel, such that the mapping of the individual images is superimposed to an overall image in a projection surface,

wherein the projection surface is a non-planar free-form surface or tilted with respect to the imaging plane, and the imaging system is implemented such that constellations of points in the individual images, each superimposed in a respective common point in the overall image by the multi-channel optics, differ depending on what distance the respective common point in the overall image has to the multi-channel optics,

wherein the multi-channel optics comprises a two-dimensional assembly of projection optics in a projection optics plane essentially parallel to the imaging plane, wherein the two-dimensional assembly of projection optics is configured such that each projection optics of the two-dimensional assembly maps a respective individual image of the imaging system assigned to the respective projection optics along a respective optical axis towards the projection surface, such that the mappings of the individual images are superimposed in the projection surface so as to obtain the overall image.

2. The projection display according to claim 21, wherein

the imaging system is implemented as a static mask statically generating the individual images at the sub-areas so that the projection surface is located at a fixed position relative to the projection display, with the static mask being configured so that the individual images are individually distorted such that

or