

Abstract

The invention relates to an image generating device having a radiation source (1a) for one or more output beams (1) having Gaussian radiation characteristic, in particular a laser
5 beam source, having a device (2, 4, 5, 28, 29) for generating Bessel-like beams from one or more output beams, having a controllably drivable MEMS scanner (8, 9, 32, 36, 41), wherein the Bessel-like beams are directed onto the MEMS scanner and are deliberately deflected by the MEMS scanner (8, 9) to generate an image, and having at least one display body (10, 16, 18, 20, 22, 24, 26, 30) at least partially transmissive to the Bessel-like
10 beams, onto which the Bessel-like beams are guided by the MEMS scanner.