

PROJECTION MODULE, VEHICLE LAMP DEVICE, AND VEHICLE

ABSTRACT

A projection module (40), a vehicle lamp apparatus (110), and a vehicle (100) are disclosed. The vehicle lamp apparatus (110) includes a first vehicle lamp (10) and a second vehicle lamp (20),
5 and the first vehicle lamp (10) and the second vehicle lamp (20) are disposed on a same vehicle (100). The first vehicle lamp (10) includes an illumination module (30) and a projection module (40), and the second vehicle lamp (20) includes an illumination module (30) and a companion module (50). The illumination module (30) in the first vehicle lamp (10) and the illumination module (30) in the second vehicle lamp (20) are symmetrically disposed, and the illumination
10 module (30) is configured to emit a first illumination light beam. The projection module (40) and the companion module (50) are symmetrically disposed. The projection module (40) is configured to emit an imaging light beam that forms an image, and the companion module (50) is configured to emit a second illumination light beam. This reduces a quantity of projection modules and a quantity of modules in the vehicle lamp apparatus (110), thereby decreasing costs of the vehicle
15 lamp apparatus (110).

(FIG.3)