

ABSTRACT OF THE DISCLOSURE

A camera lens barrel having a first grouped lens (1), a movable second grouped lens (2) for variable magnification, a third grouped lens (3) and a fourth grouped lens (4), which are respectively arranged along an optical axis, and accommodating a drive system for the first to fourth lenses. The camera lens barrel is provided with a stepping motor (10), a control device capable of carrying out at least micro step drive control of the stepping motor (10) and a moving mechanism (14) for converting rotation of the stepping motor (10) into movement of the second grouped lens (2) along the optical axis. The control device carries out position control of the second grouped lens (2) according to a control quantity of the stepping motor (10). As the stepping motor (10) is driven under the micro step drive control, the generation of noise and vibration can be greatly suppressed as compared with a conventional lens barrel employing a DC motor as a drive source.

Fig. 1

This Sheet Has Been Replaced

